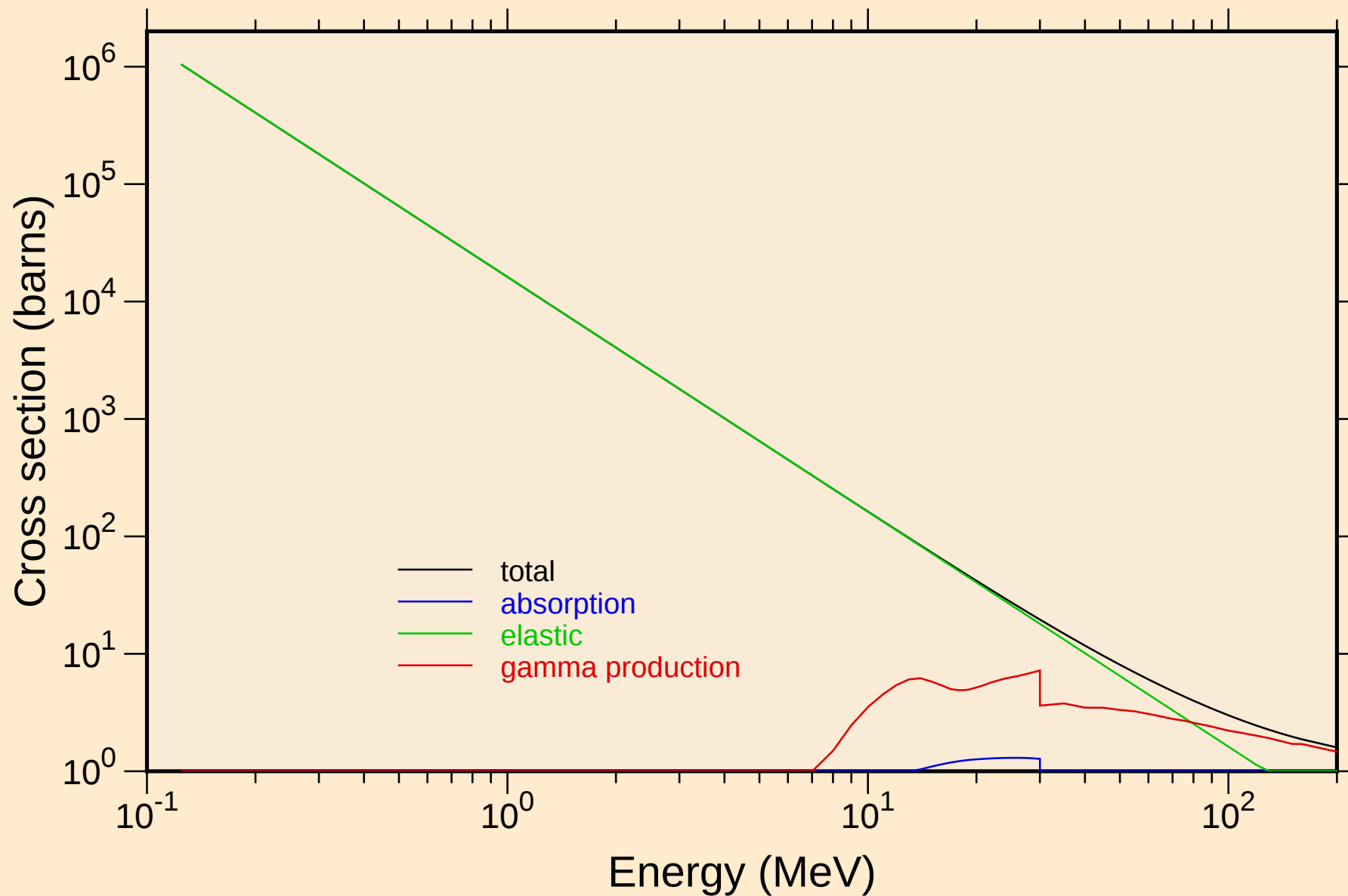


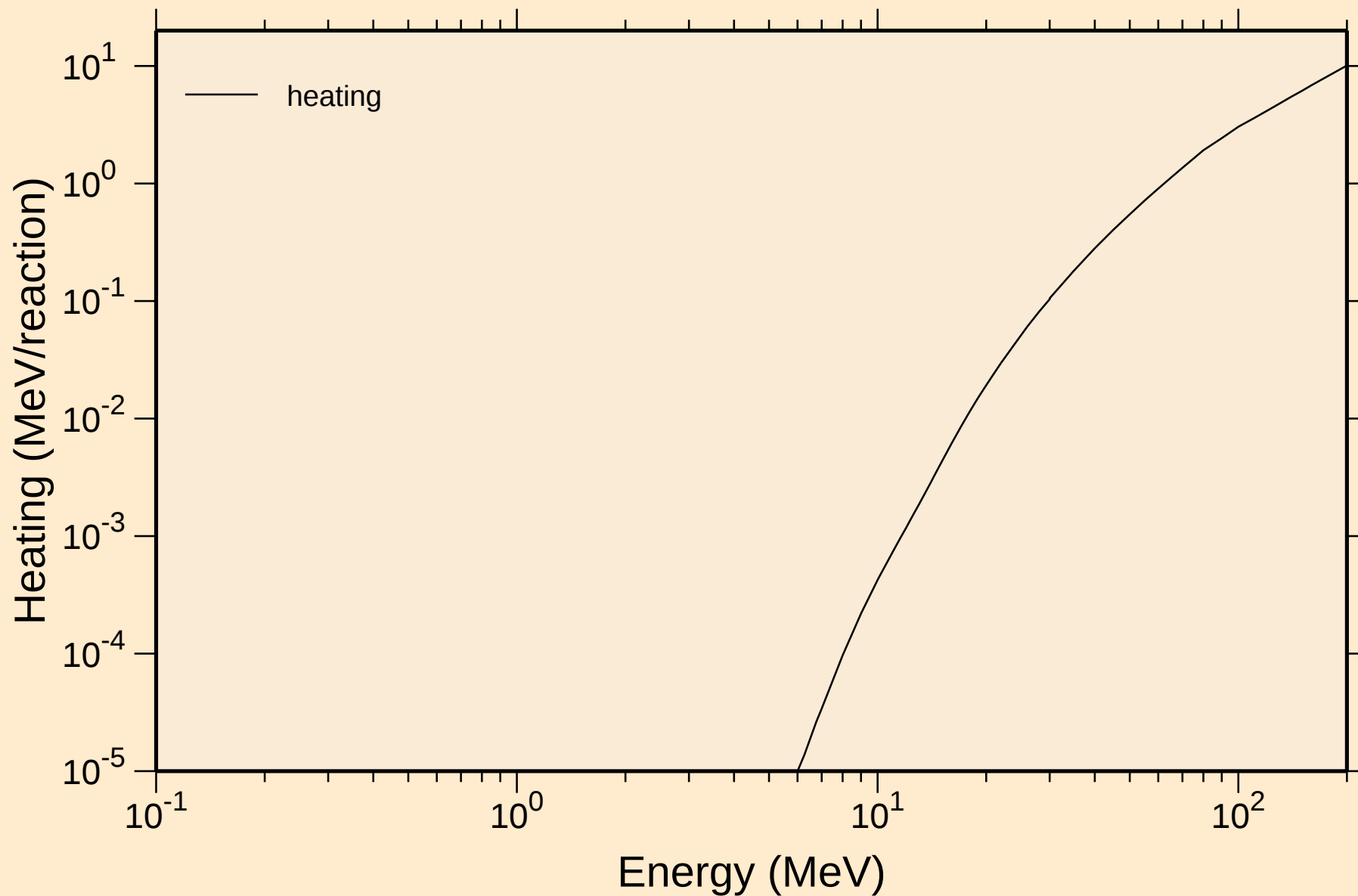
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



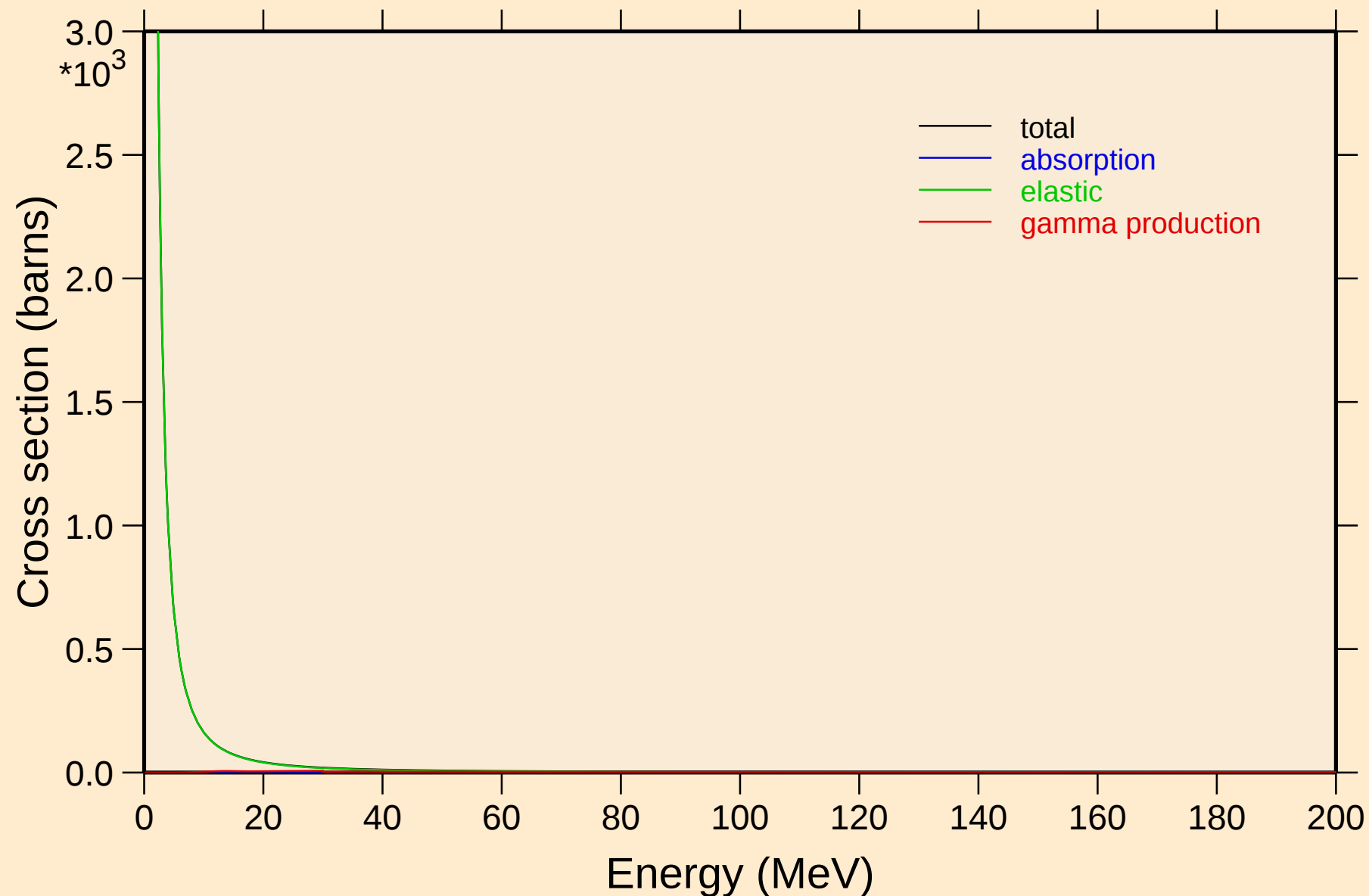
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



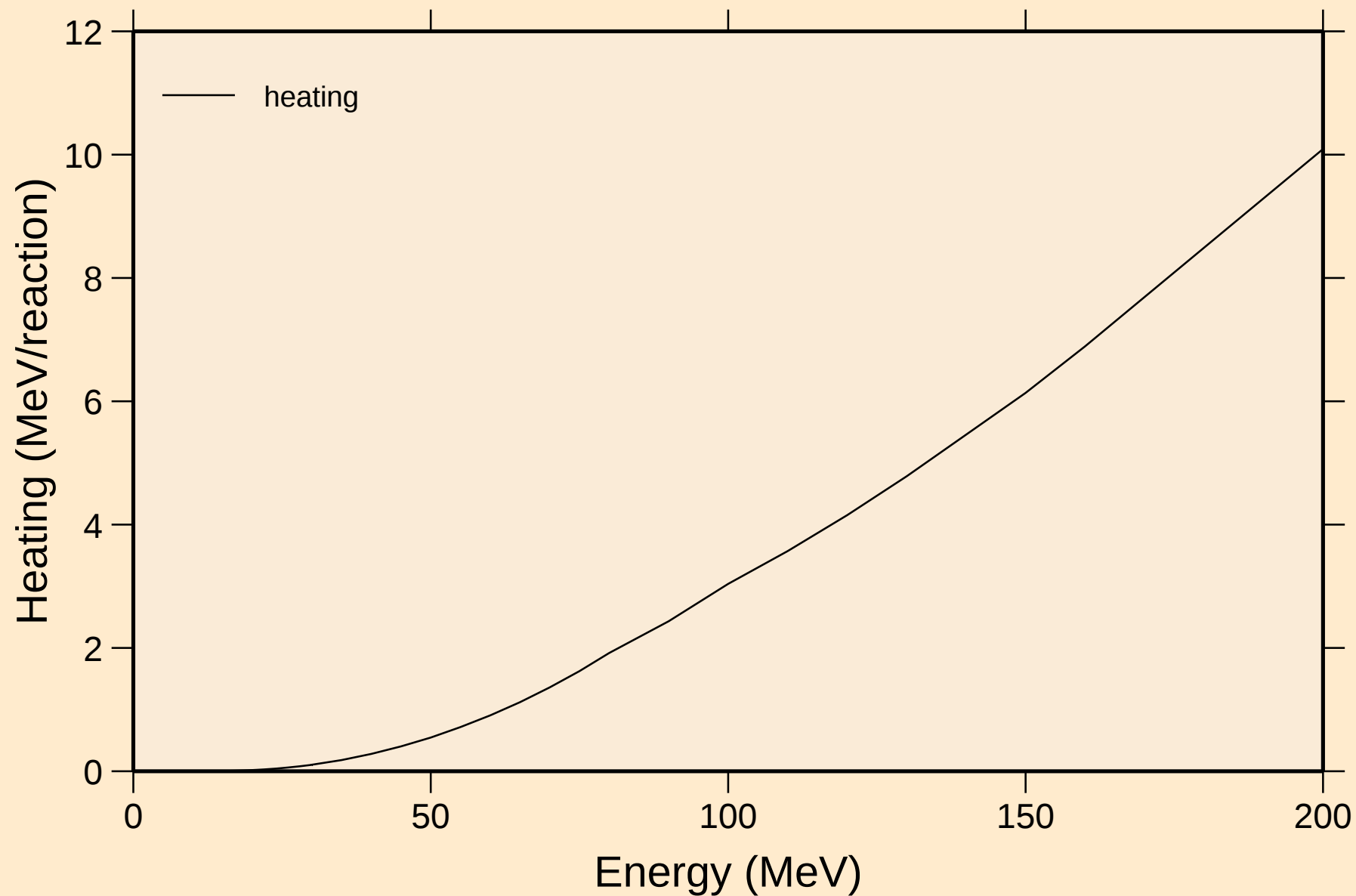
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



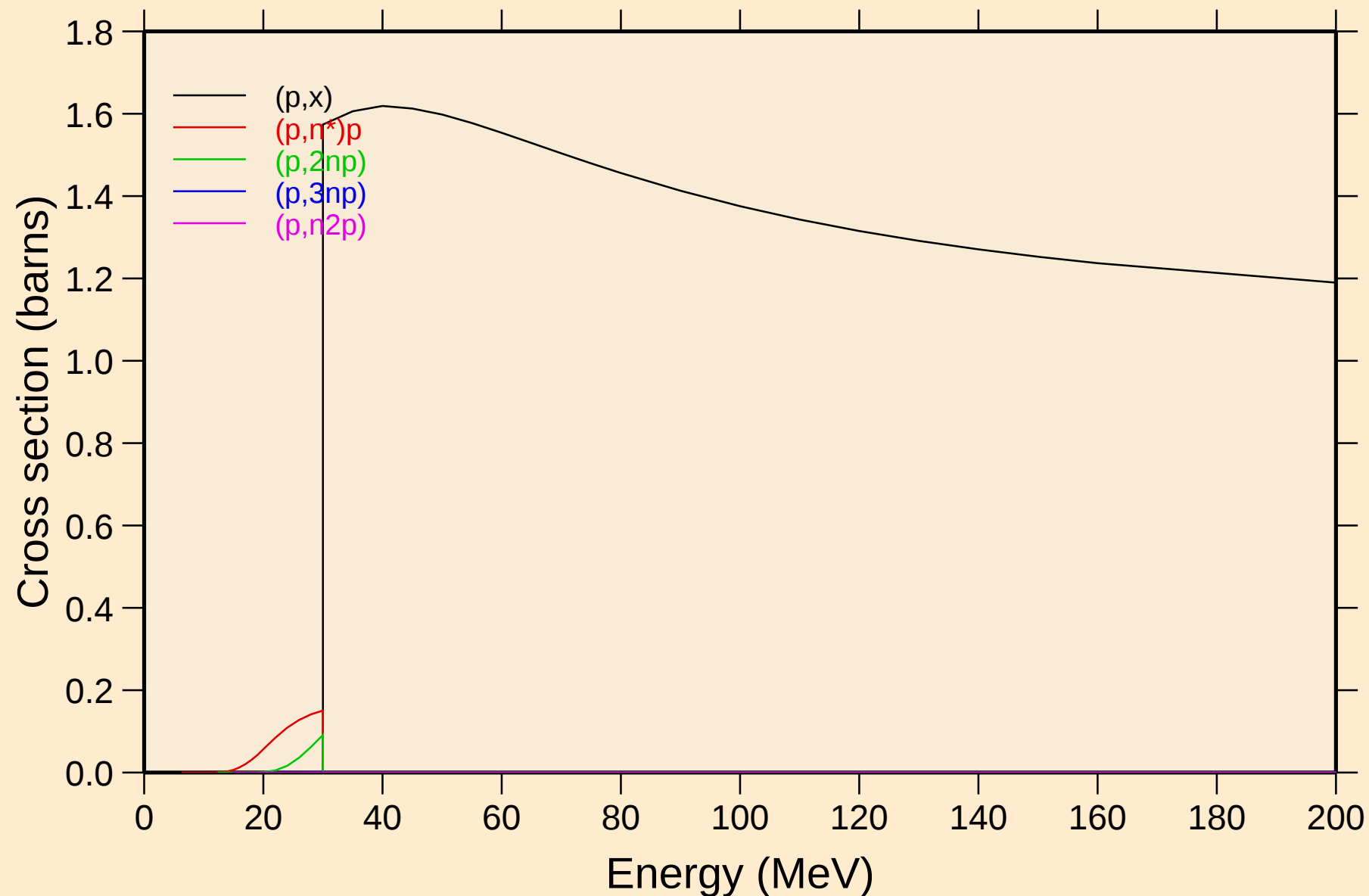
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



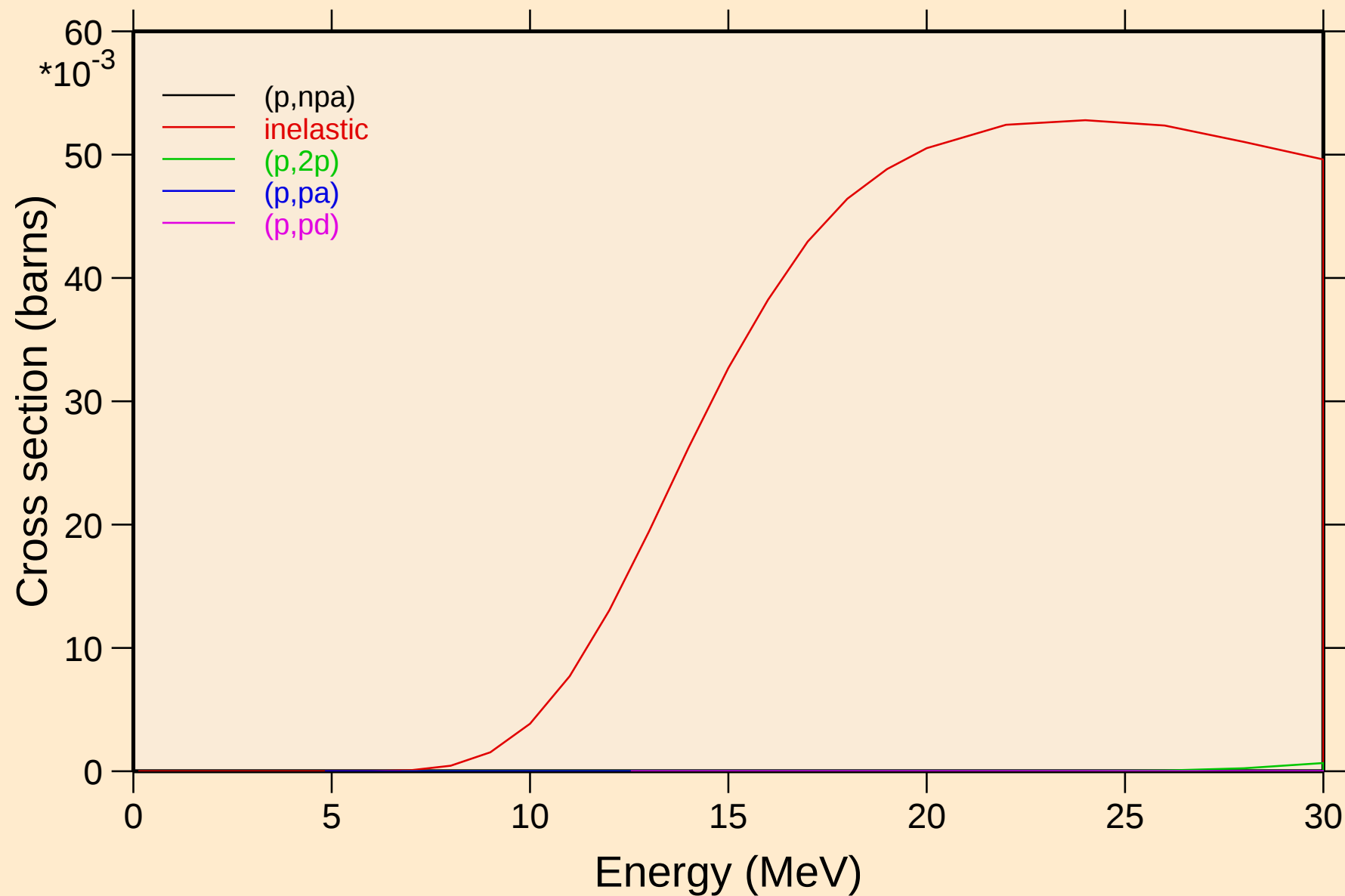
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



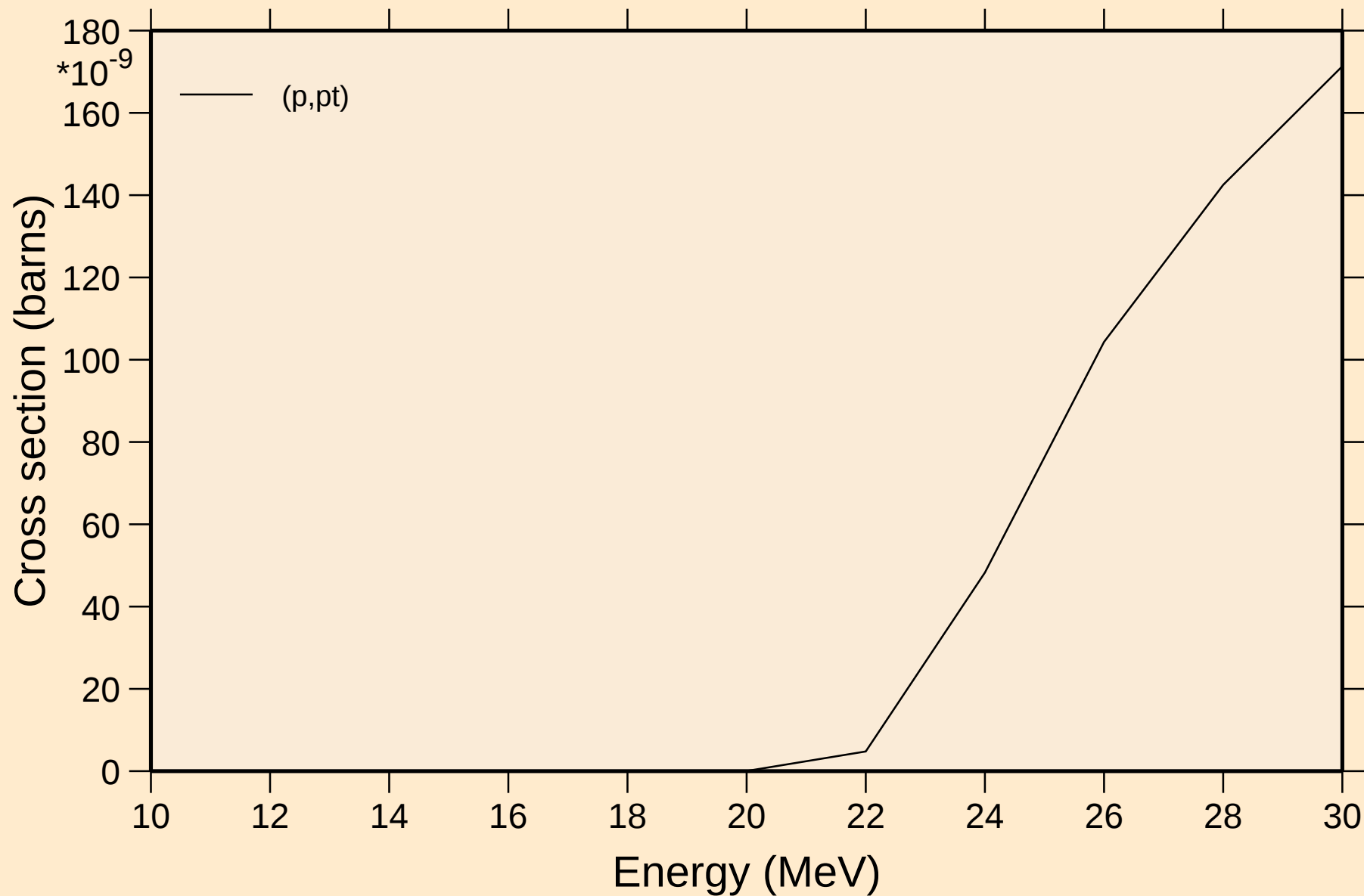
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

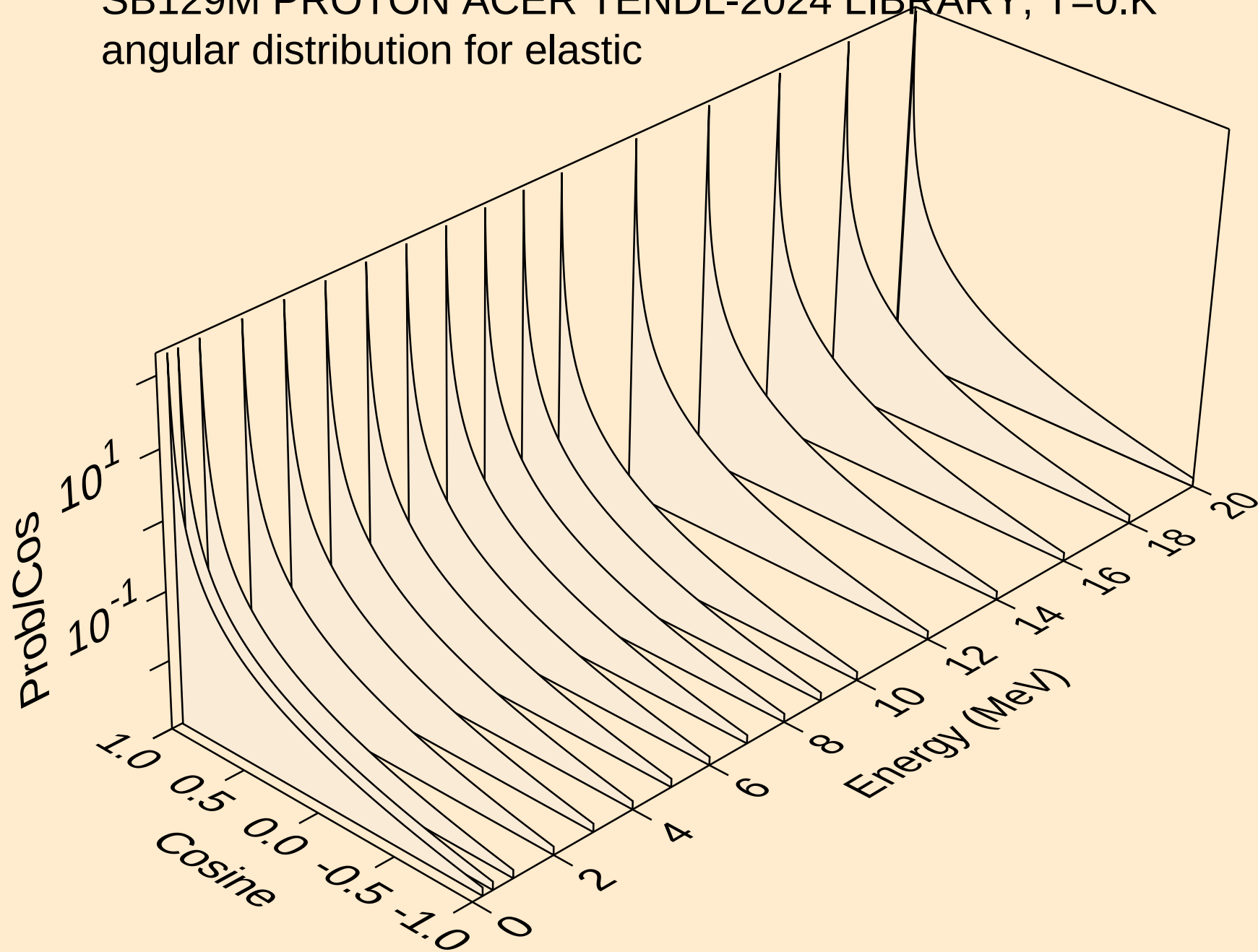


# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

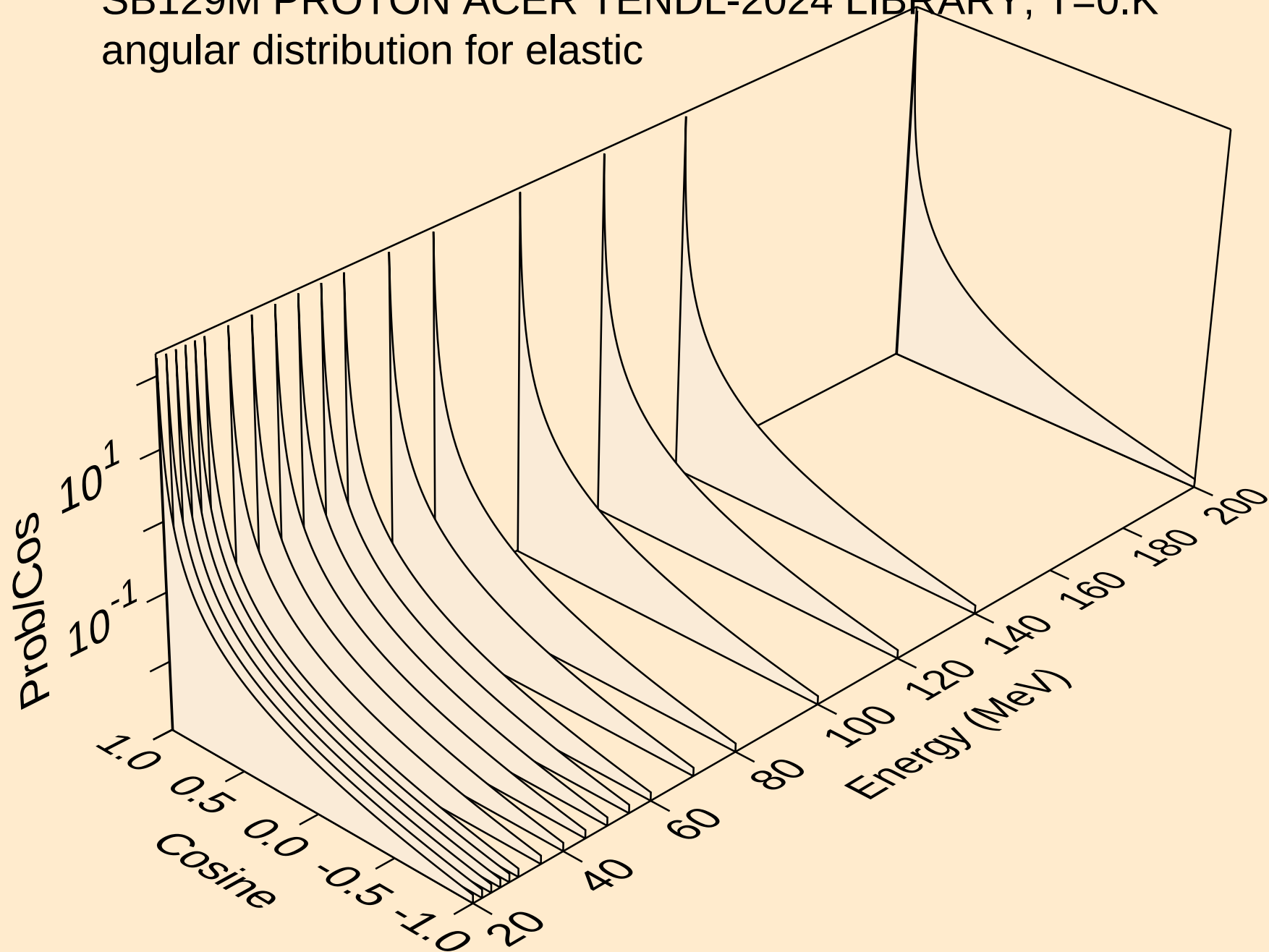
Threshold reactions



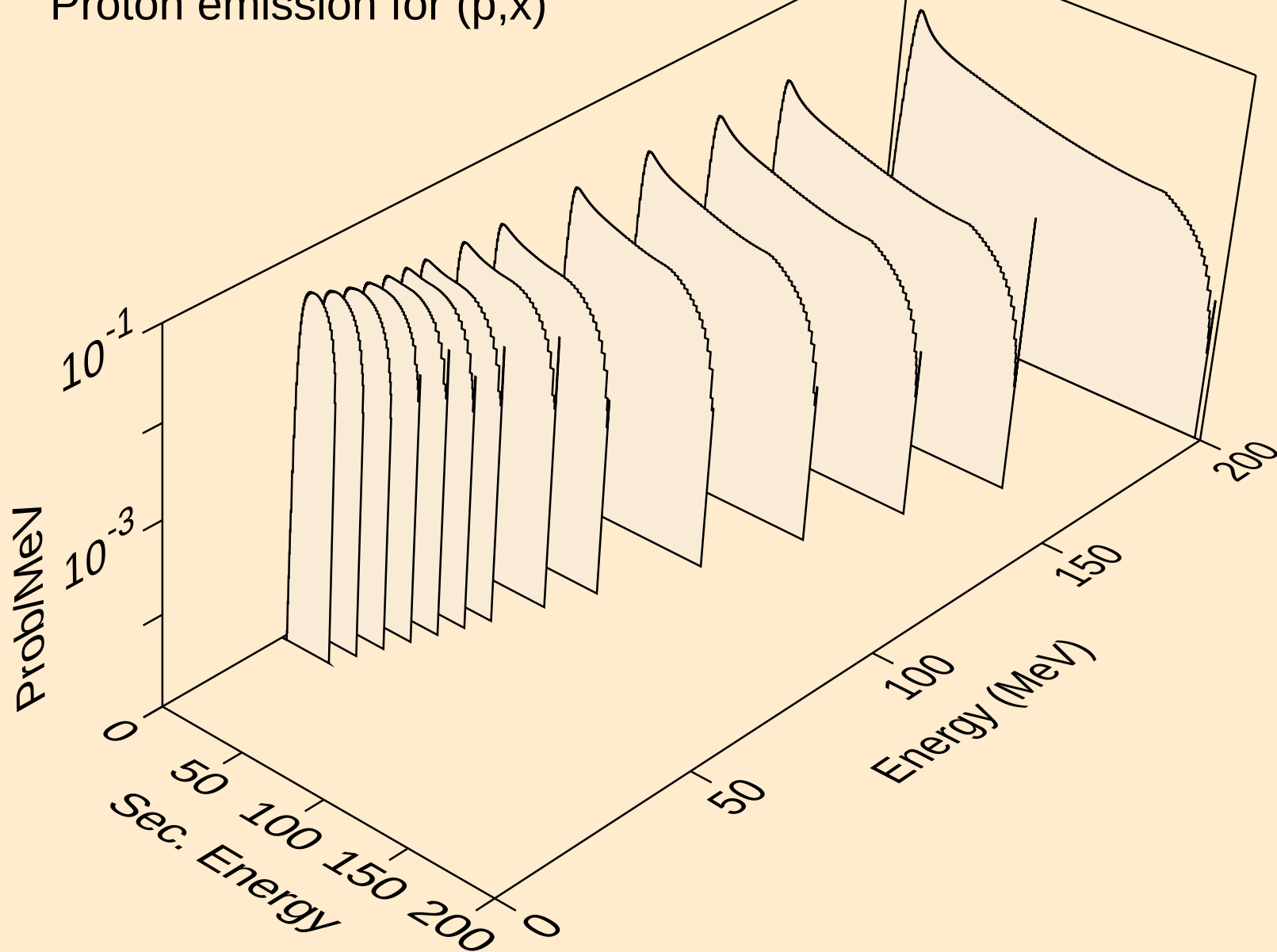
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



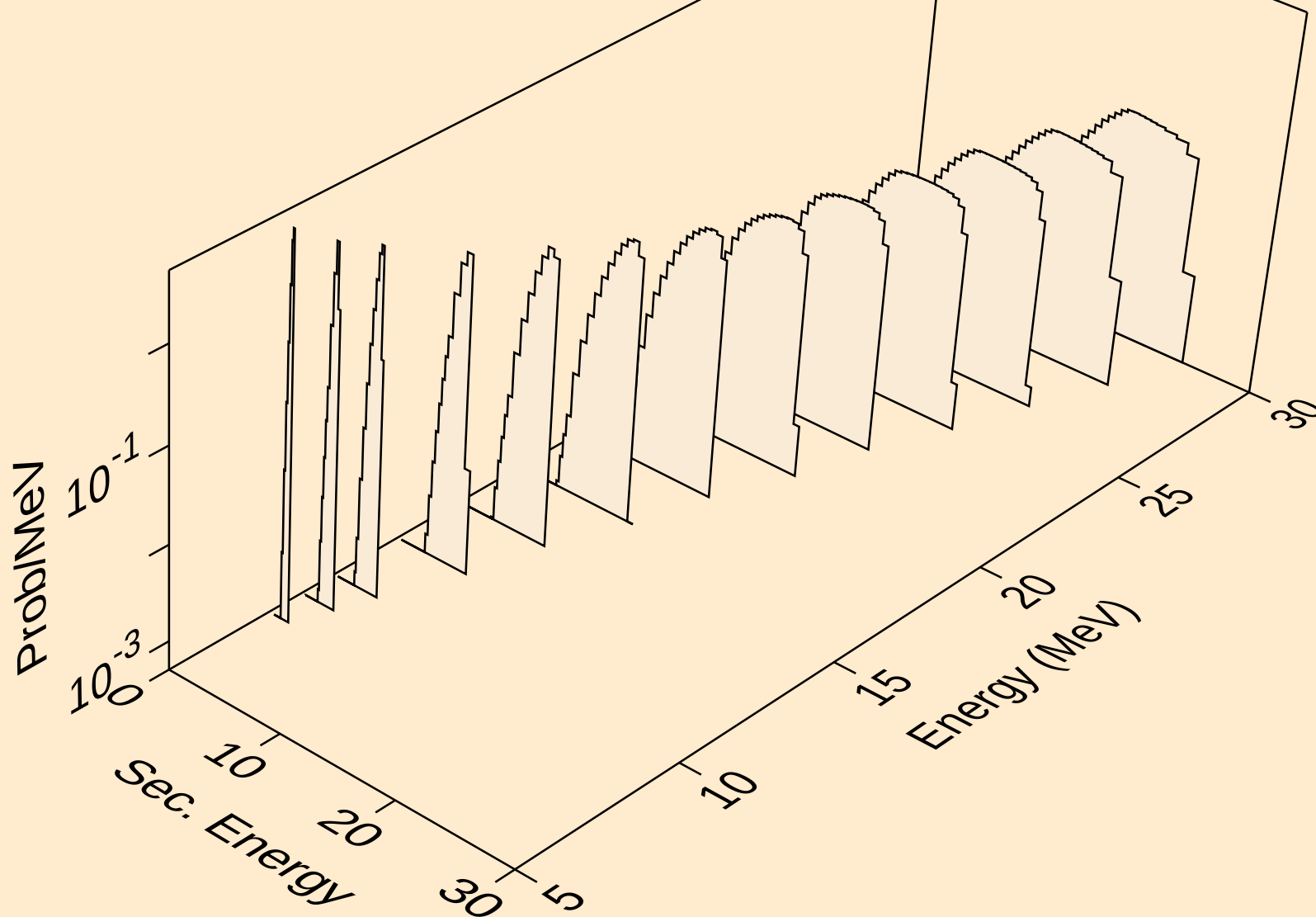
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



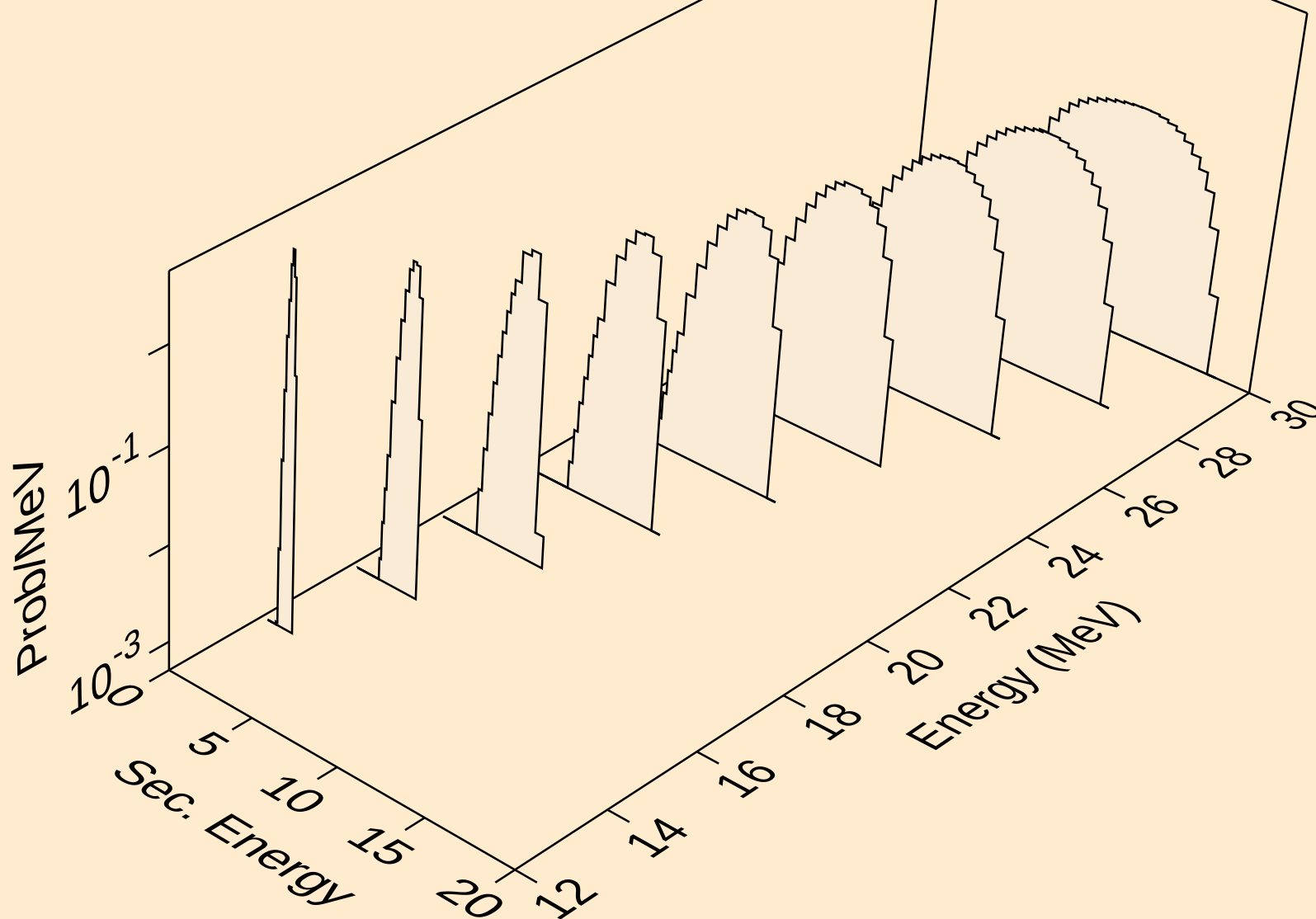
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



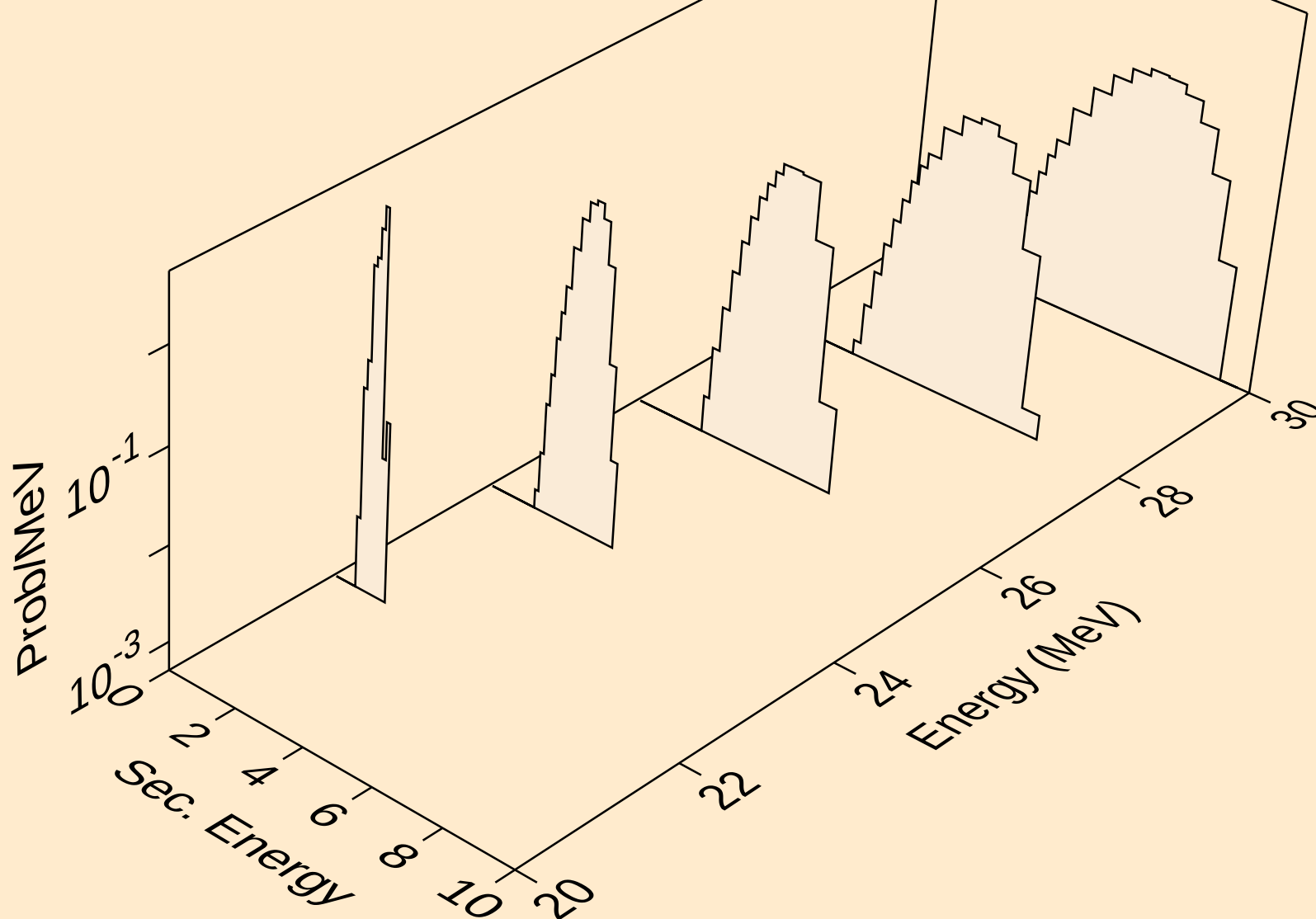
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



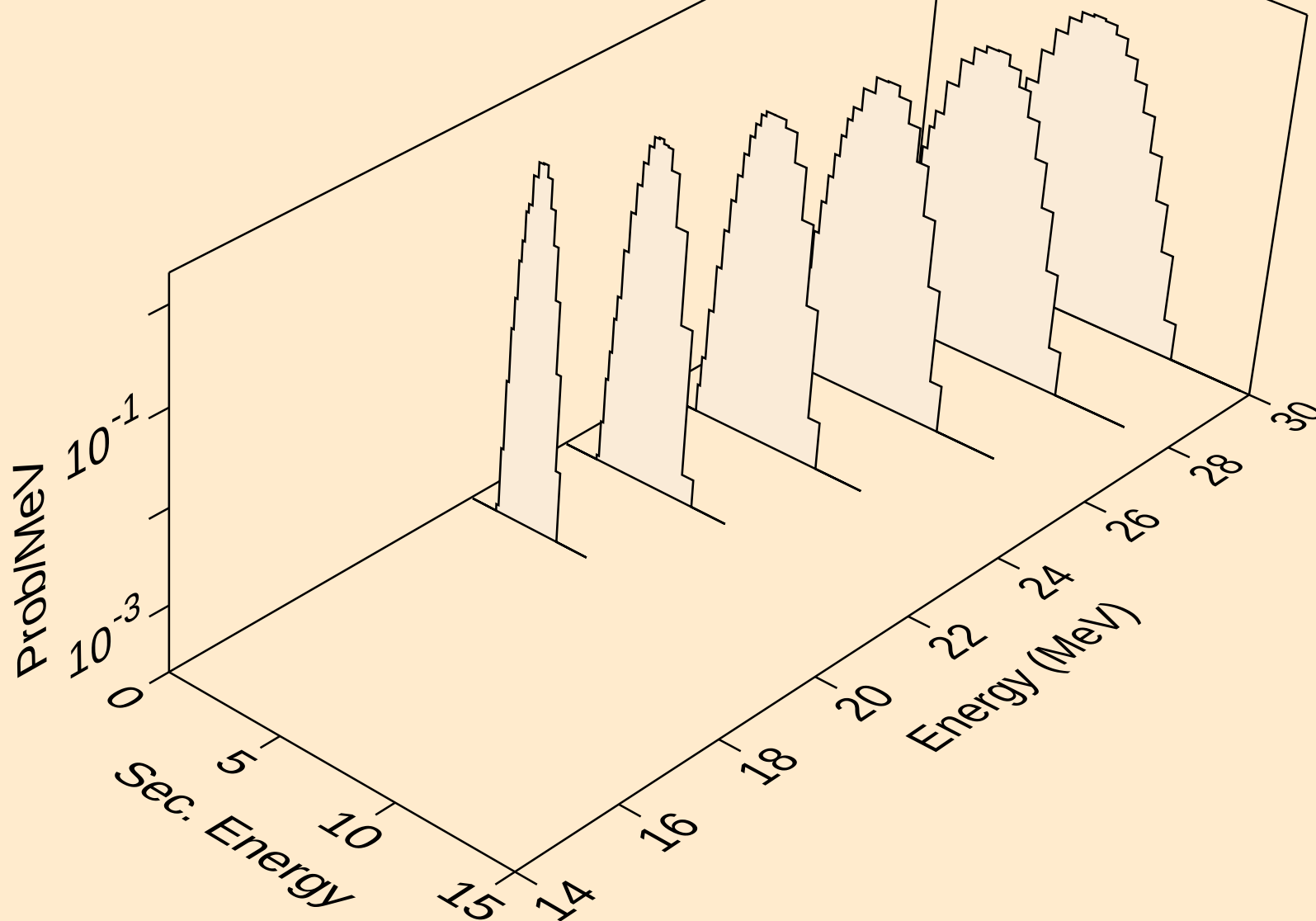
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



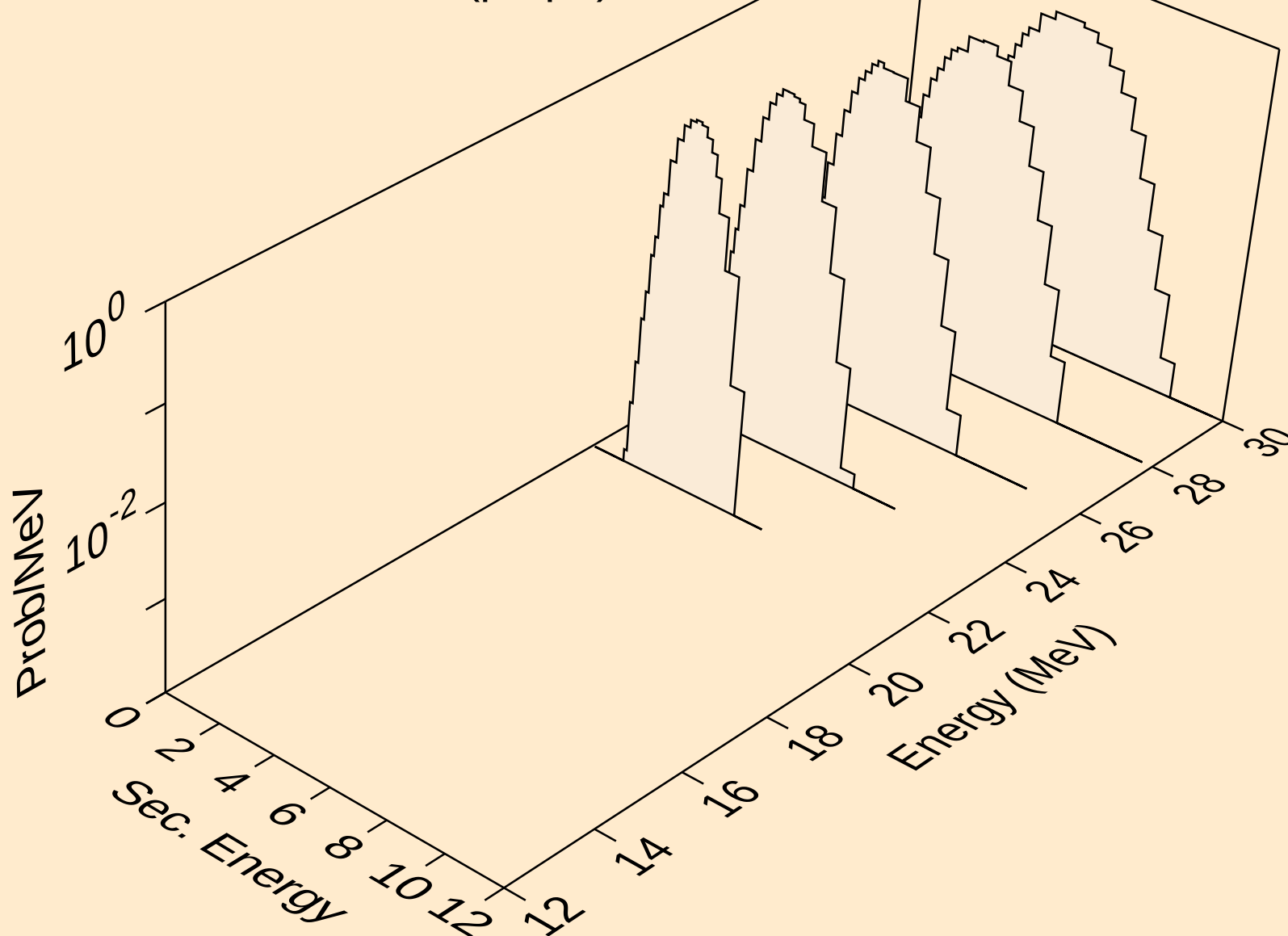
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



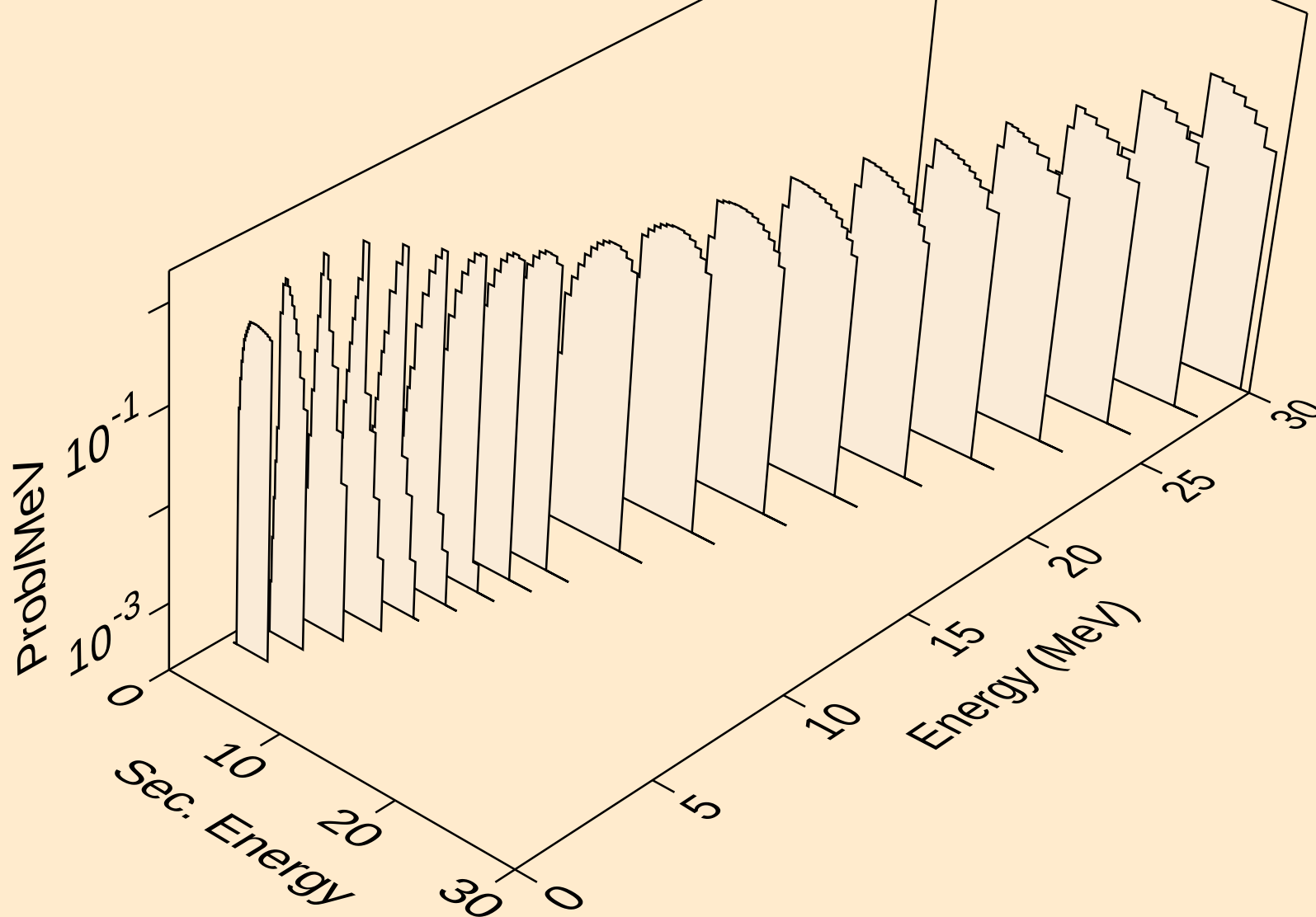
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



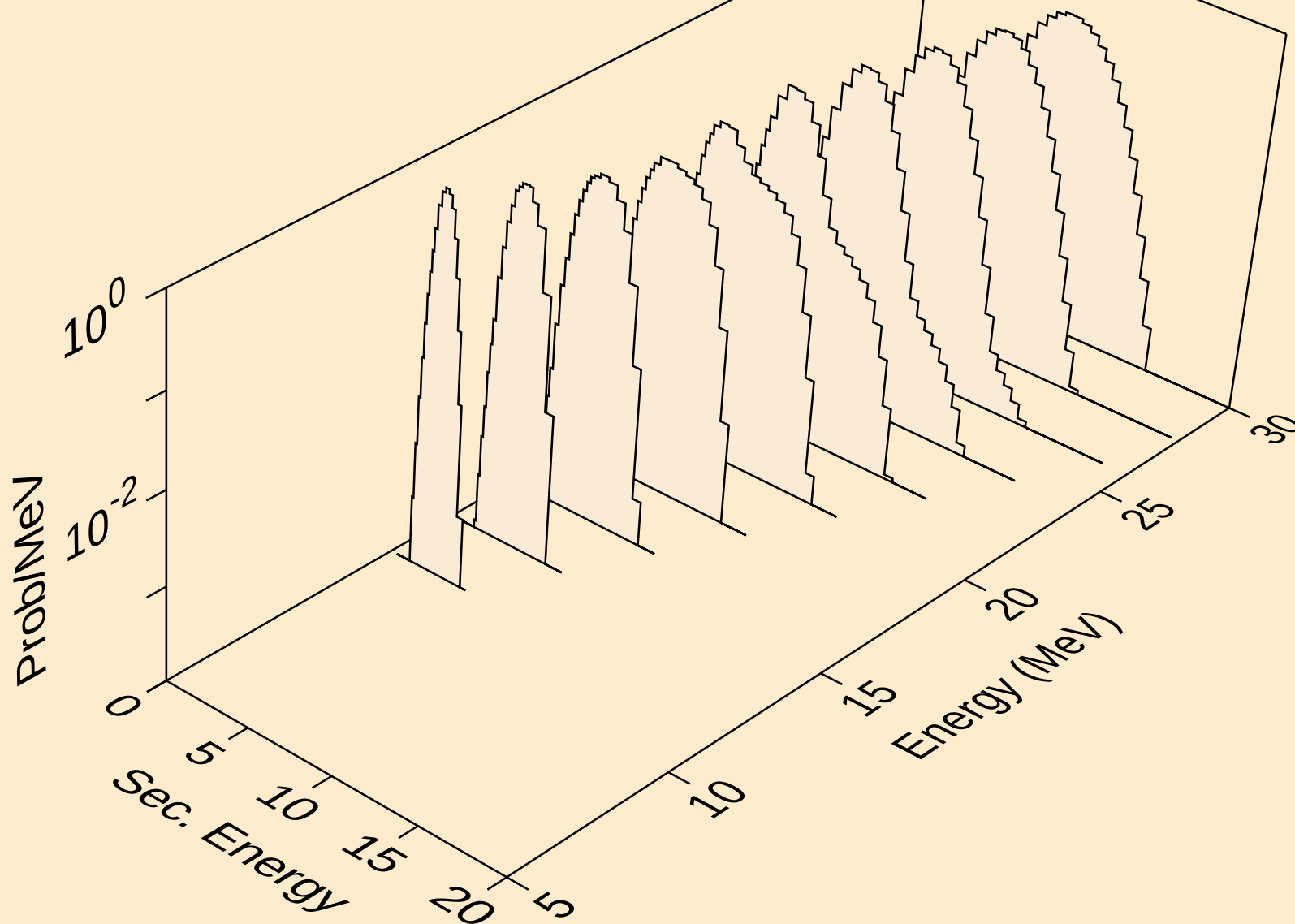
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



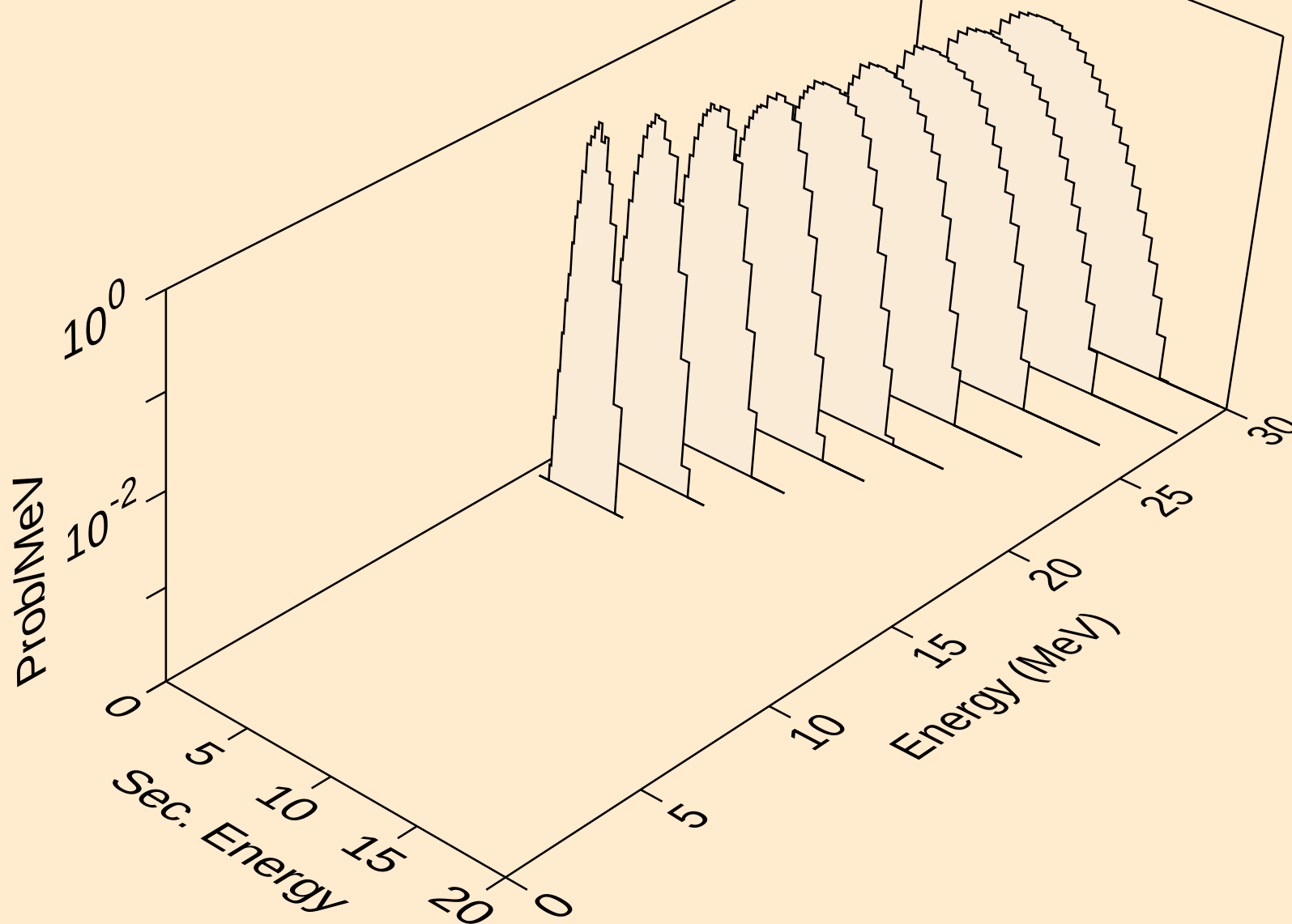
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



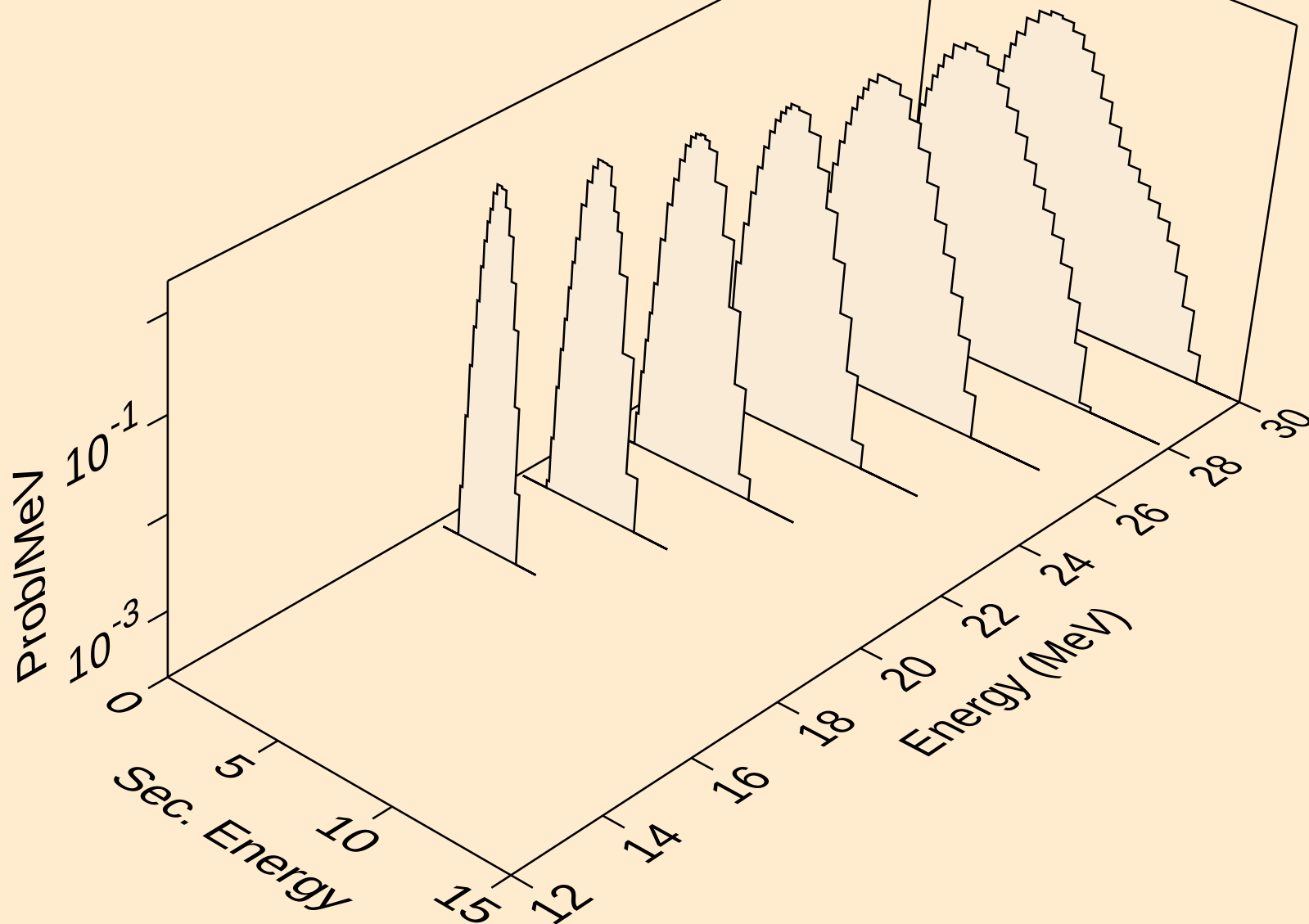
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)

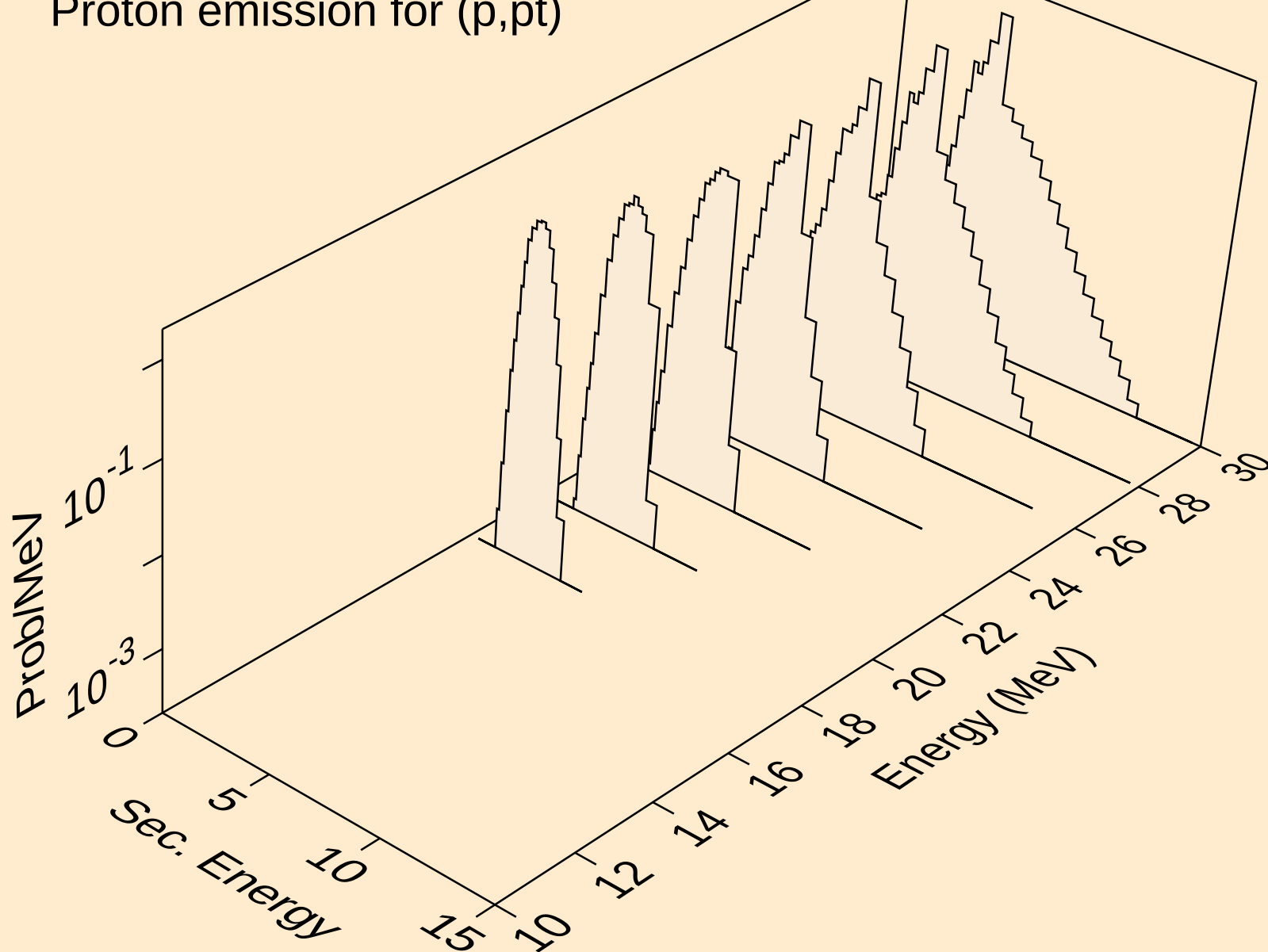


SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)

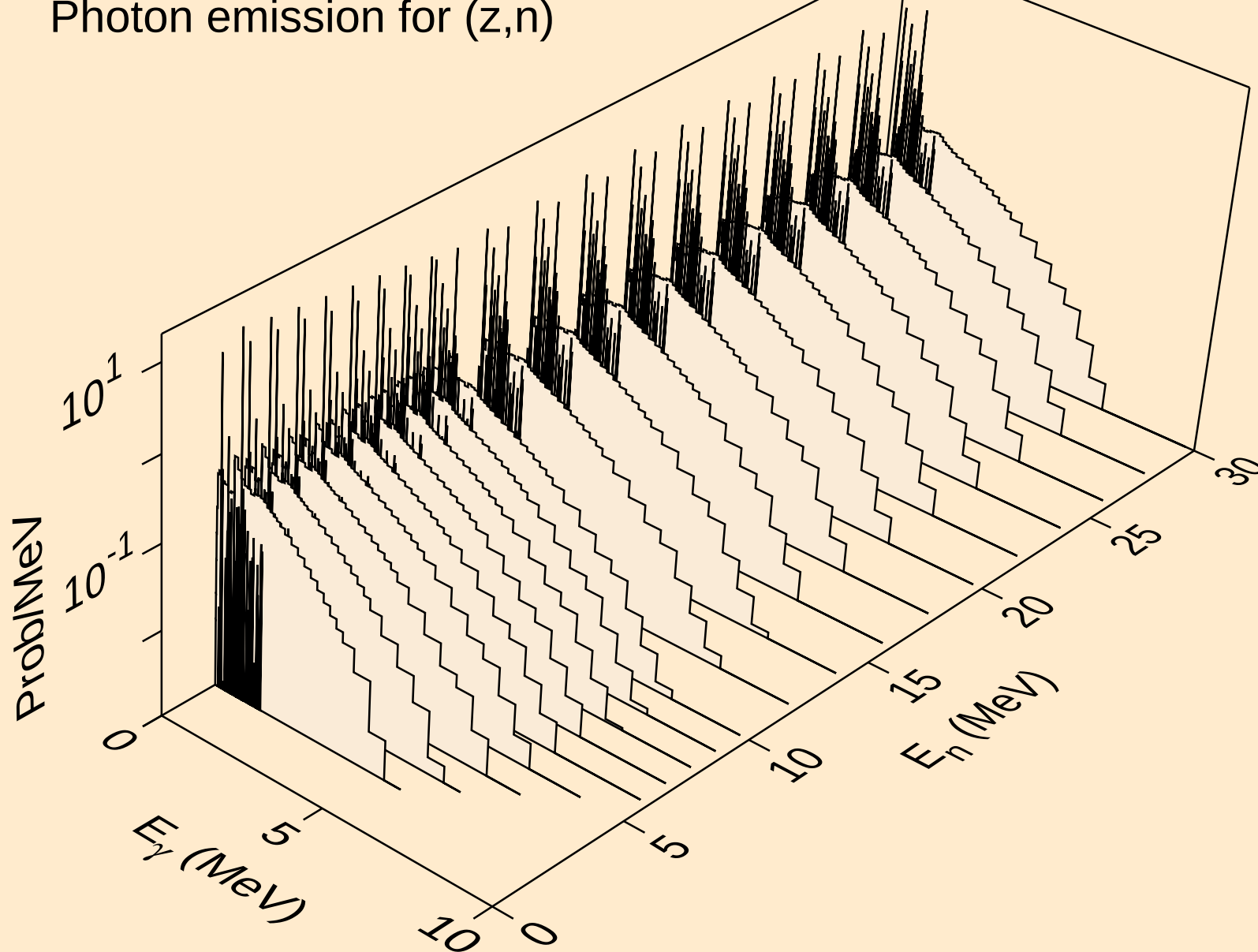


SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Proton emission for (p,pt)

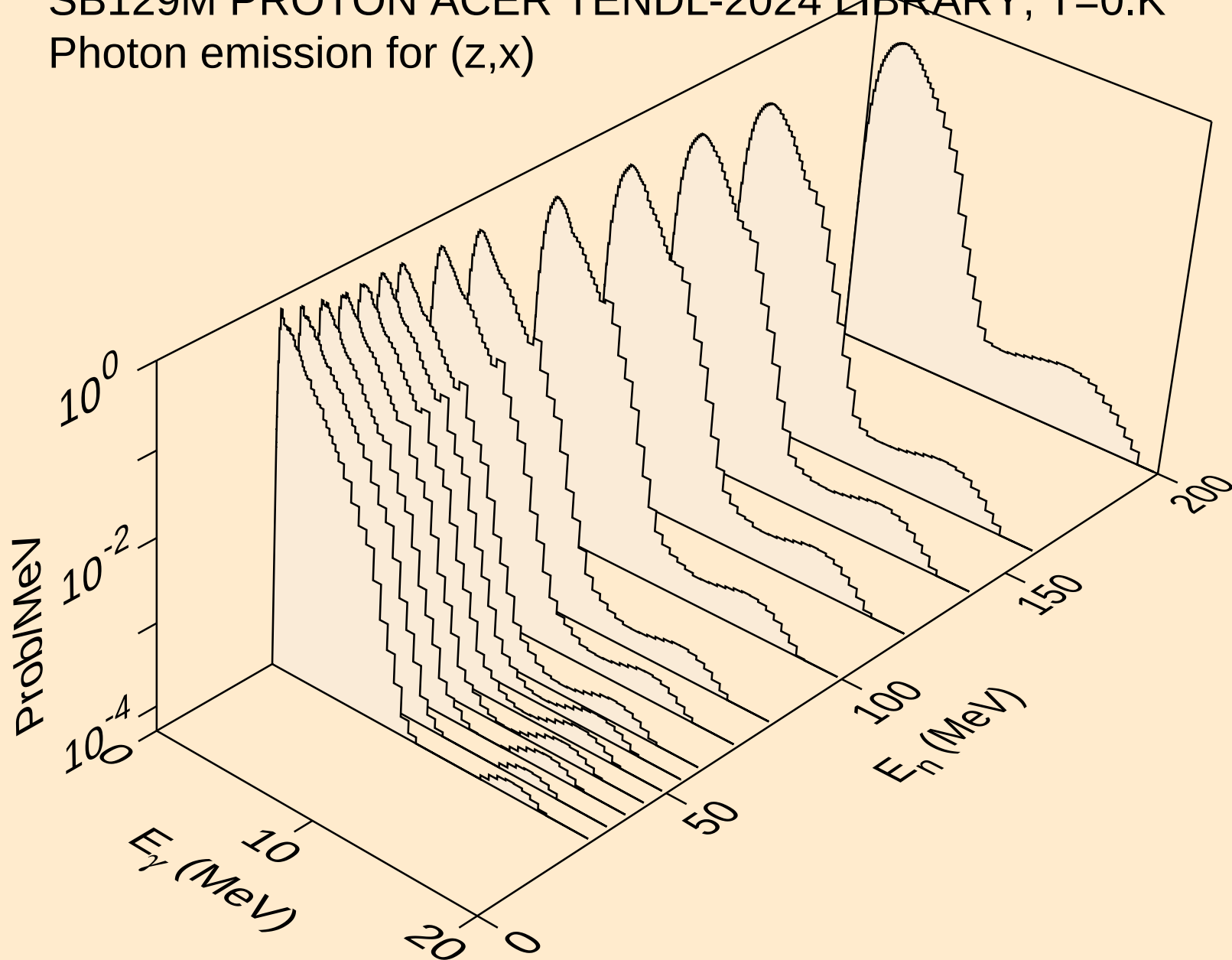


SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

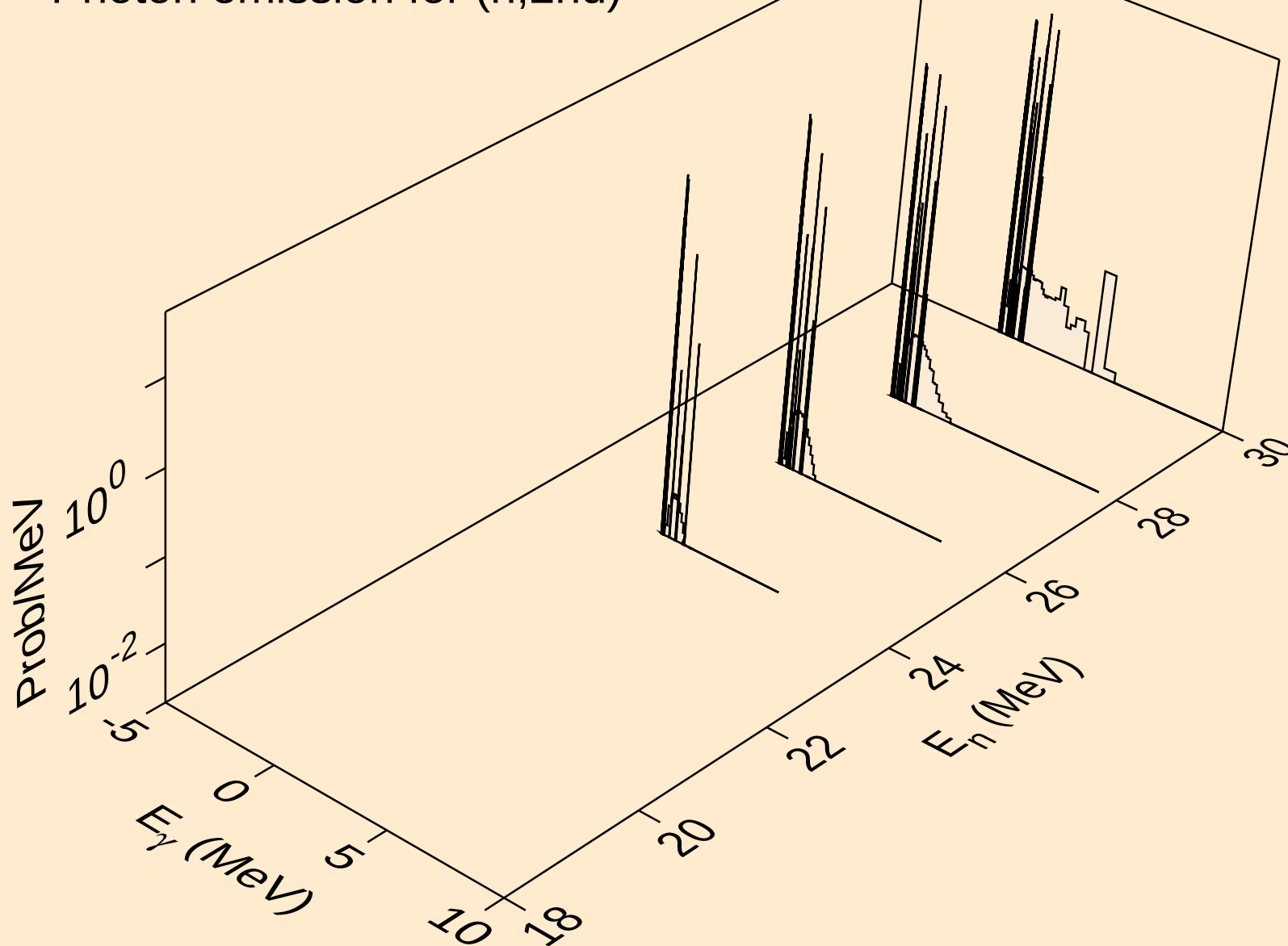


SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

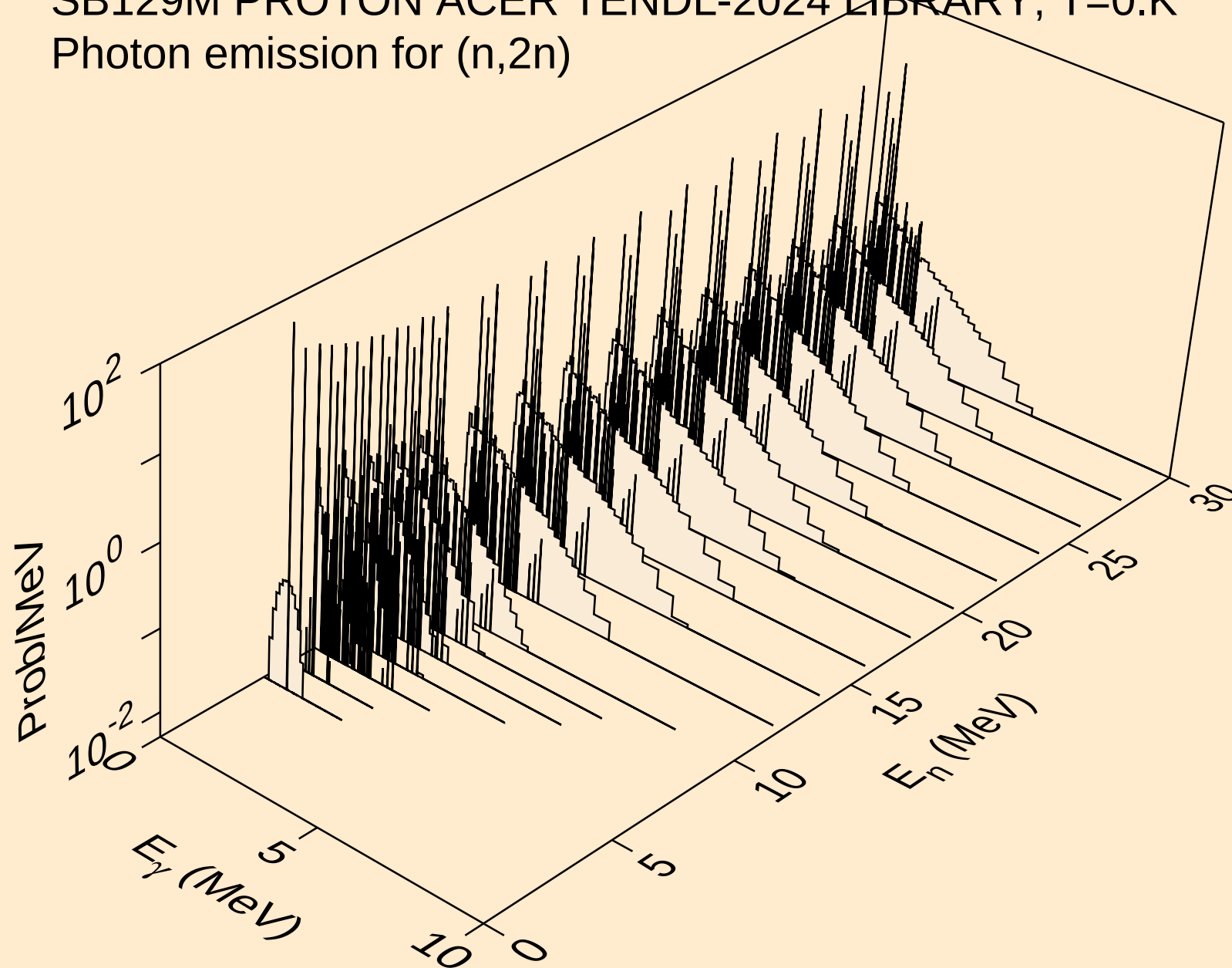
Photon emission for (z,x)



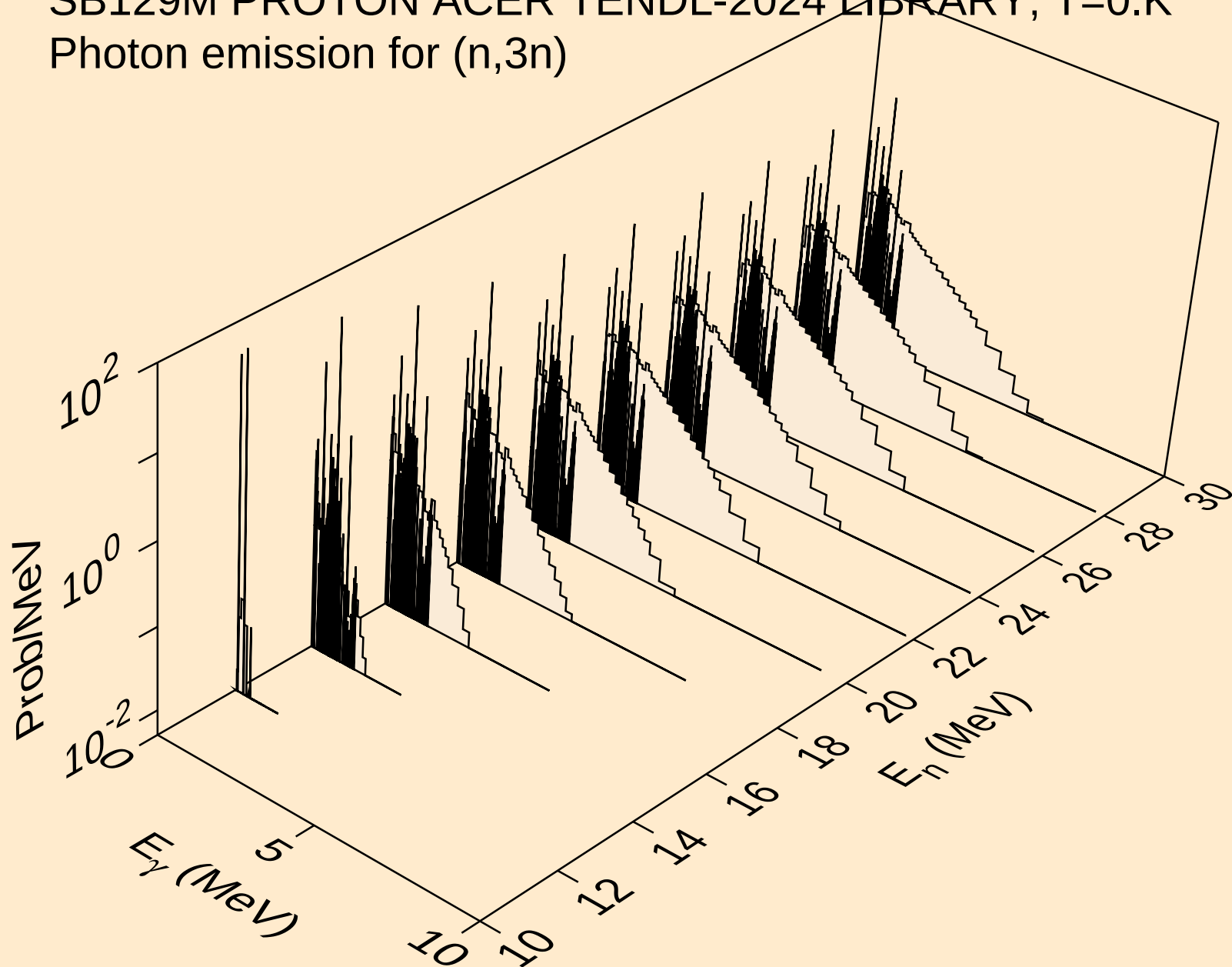
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2nd)



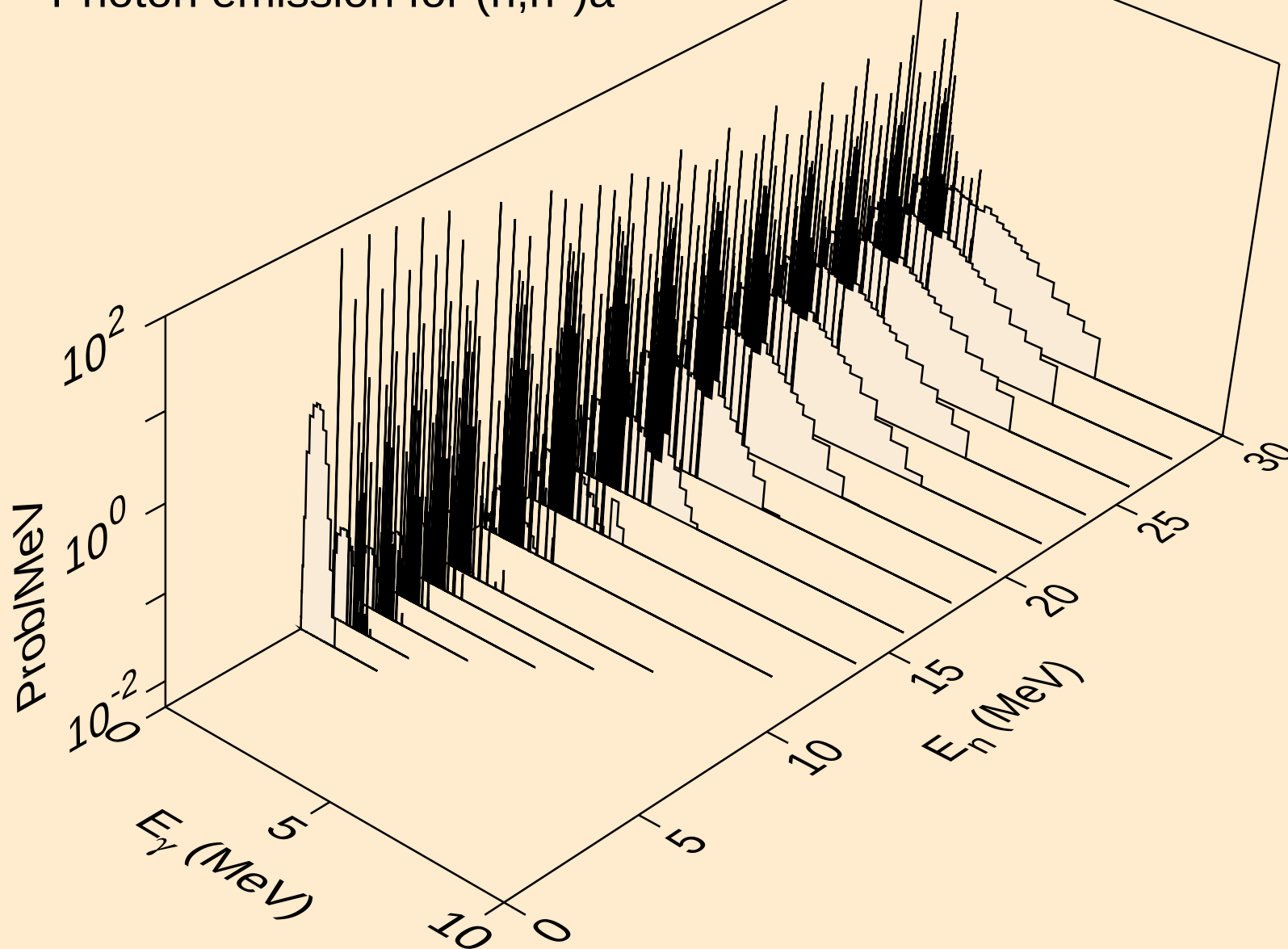
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



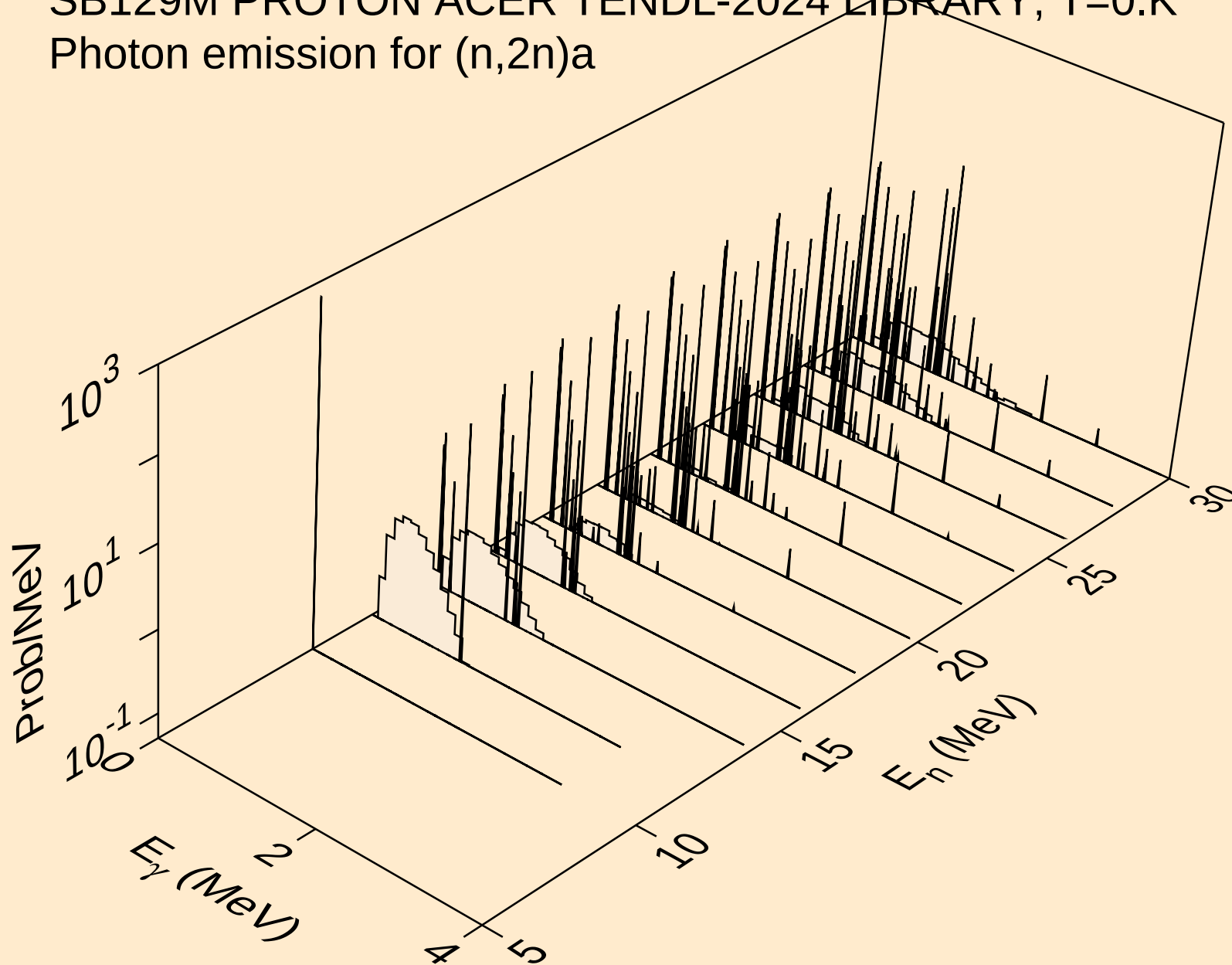
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)



SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)a$

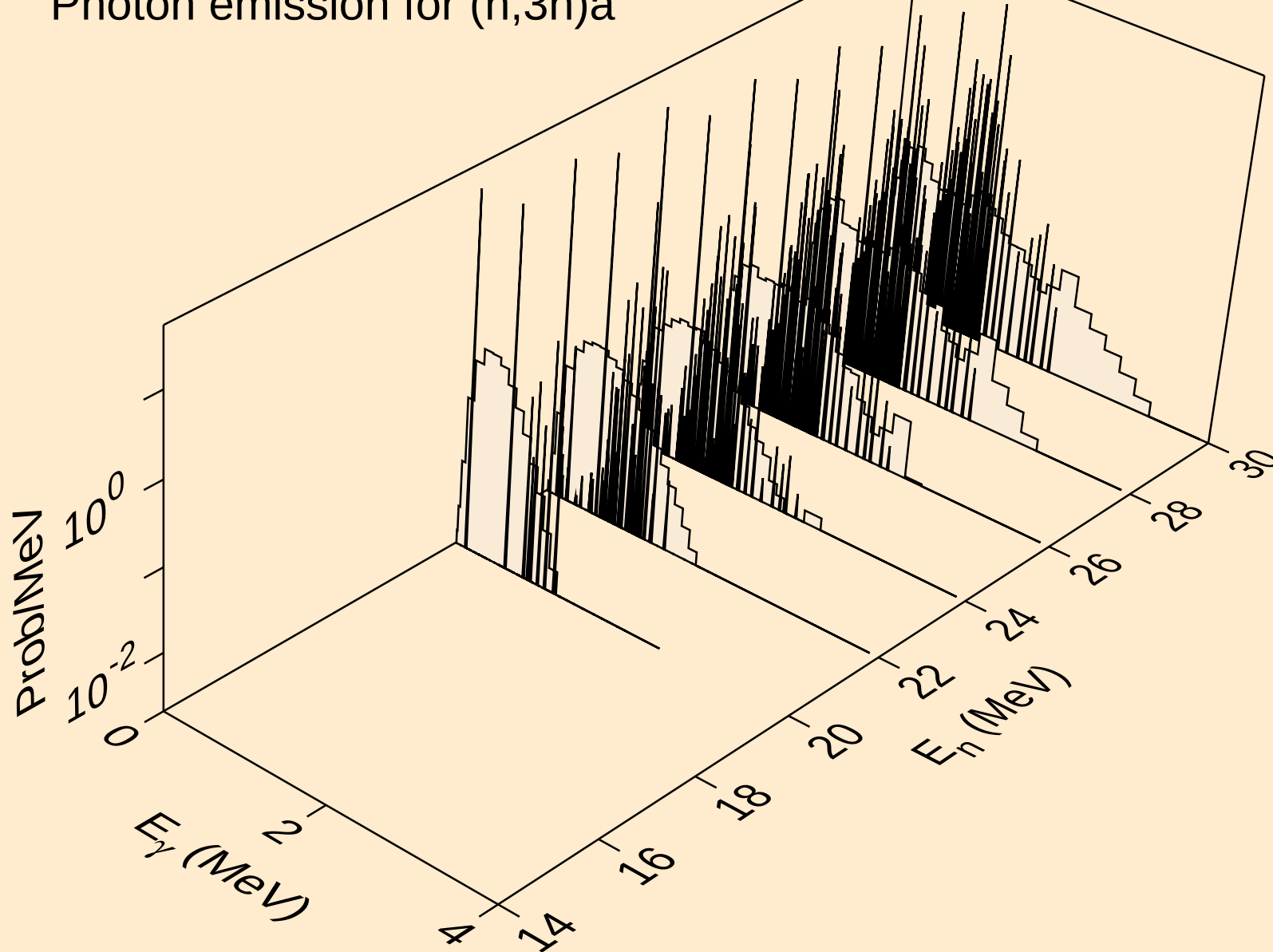


SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

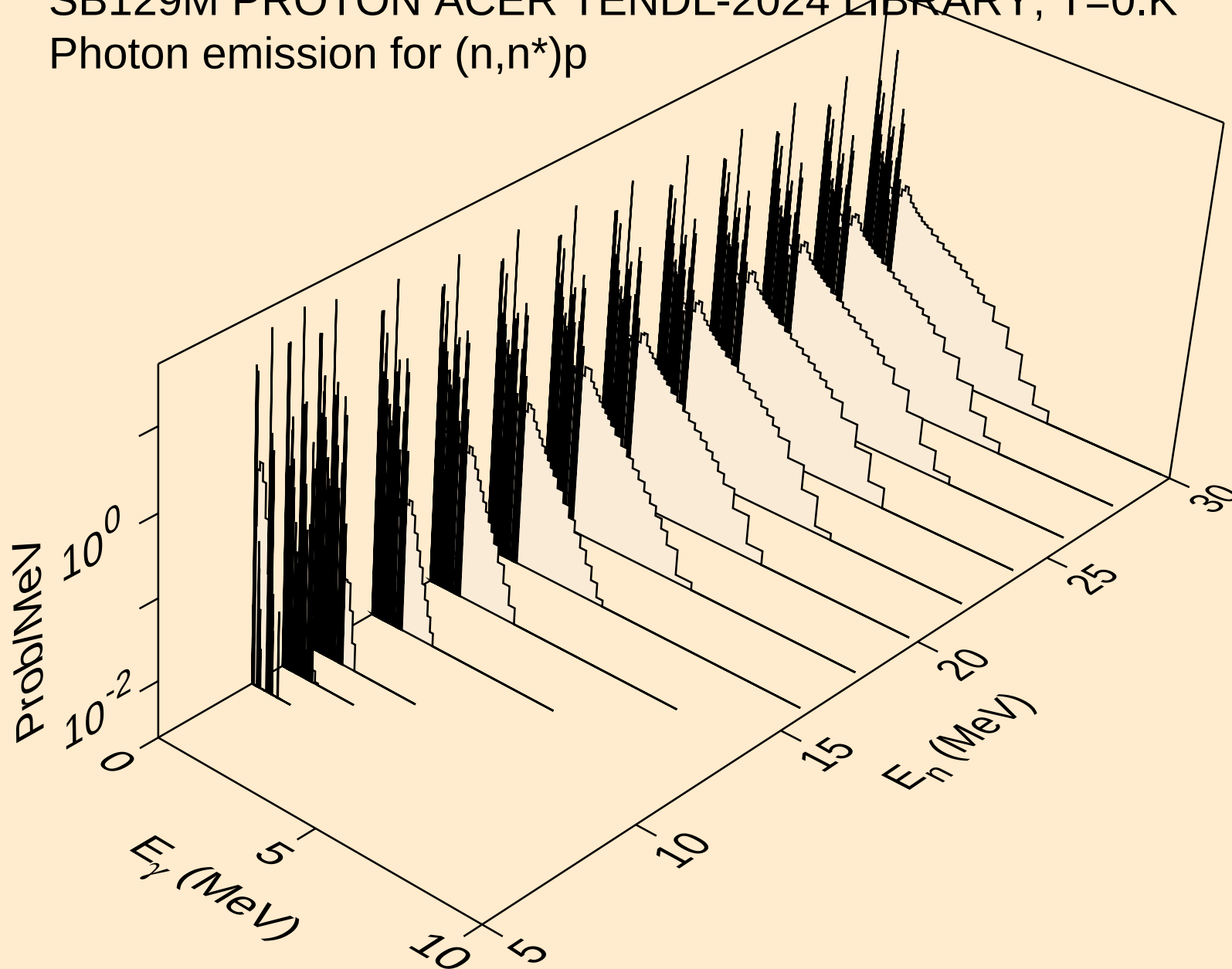


SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

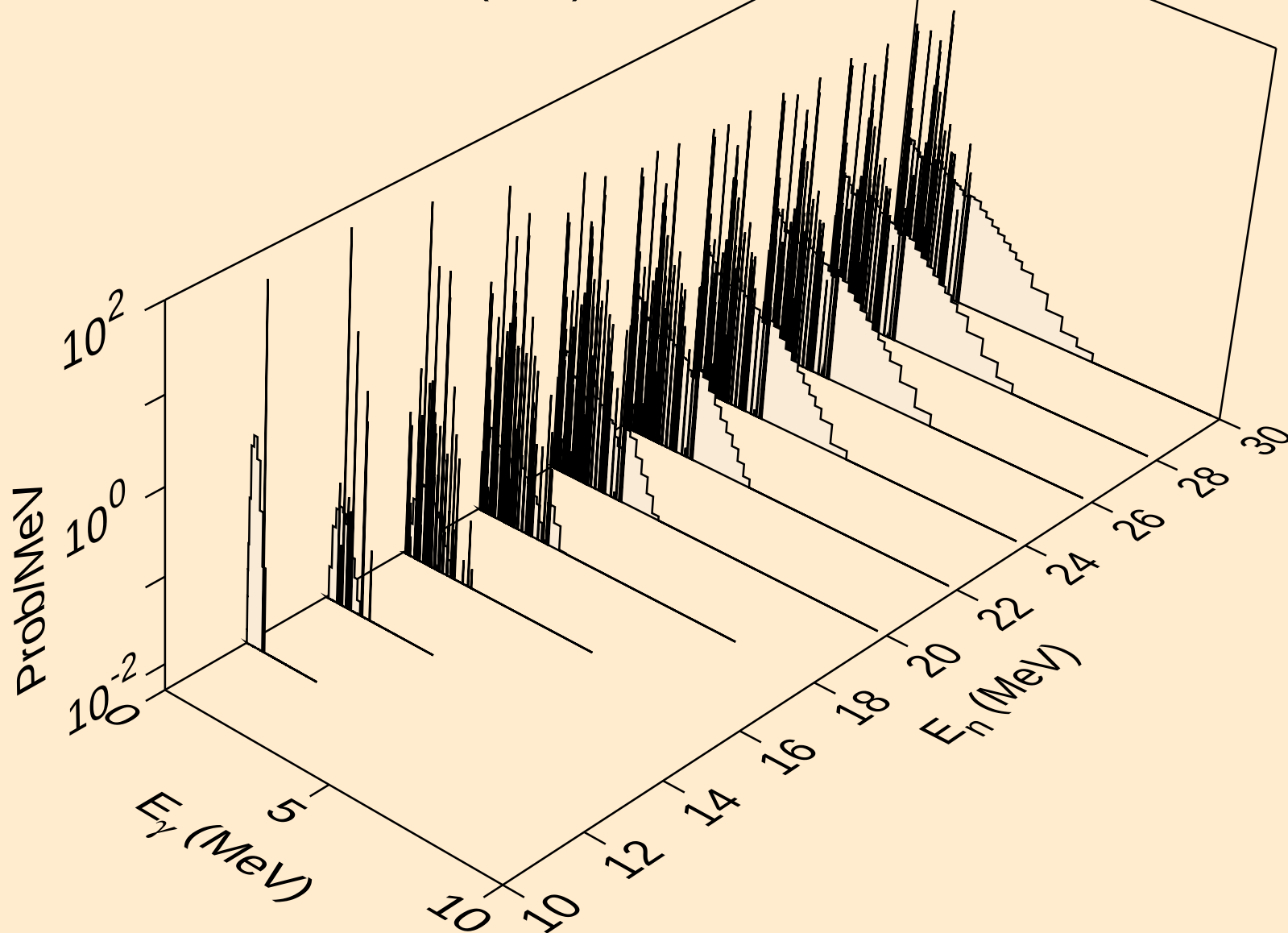
Photon emission for  $(n,3n)\alpha$



SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)p$

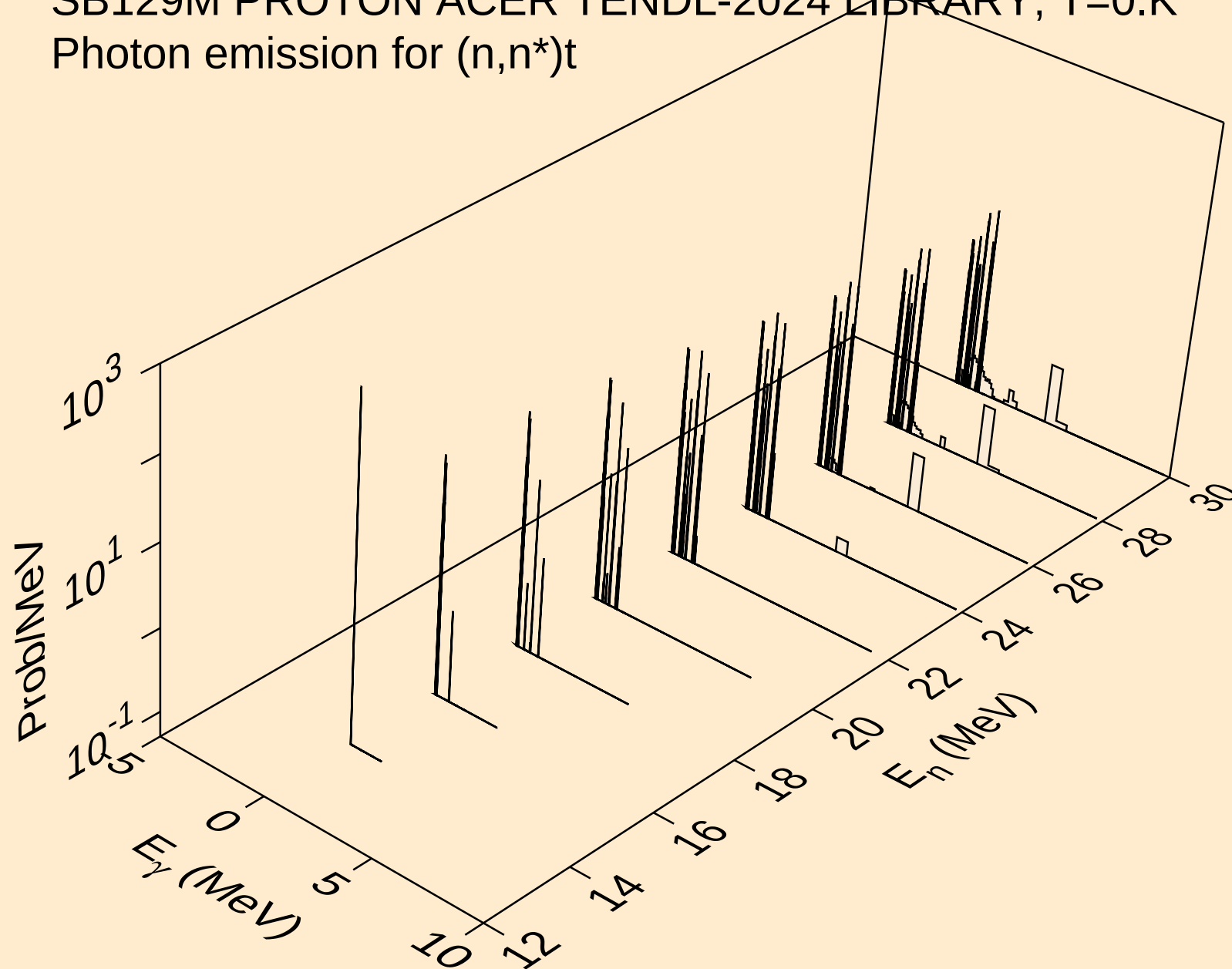


SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)d$

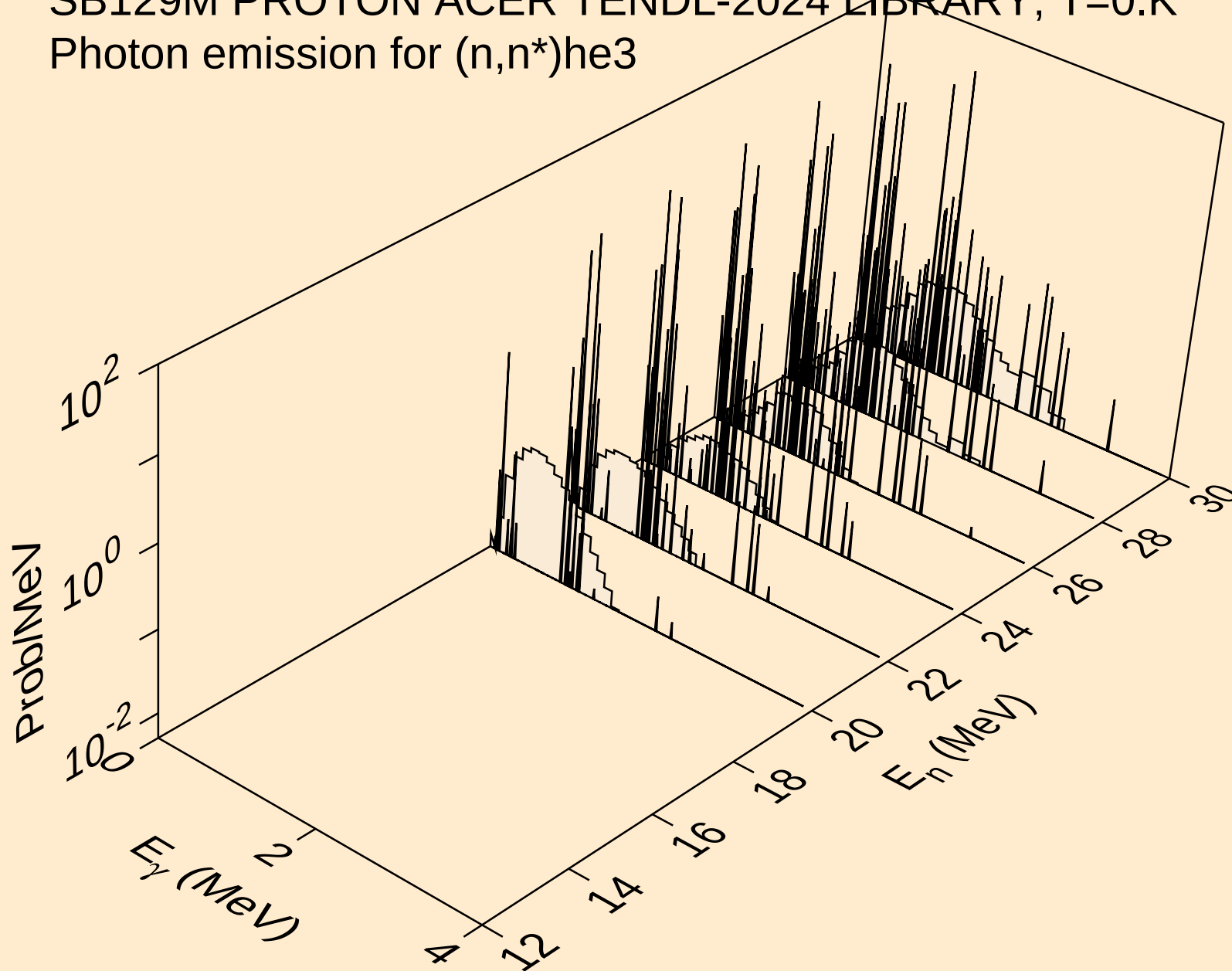


# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

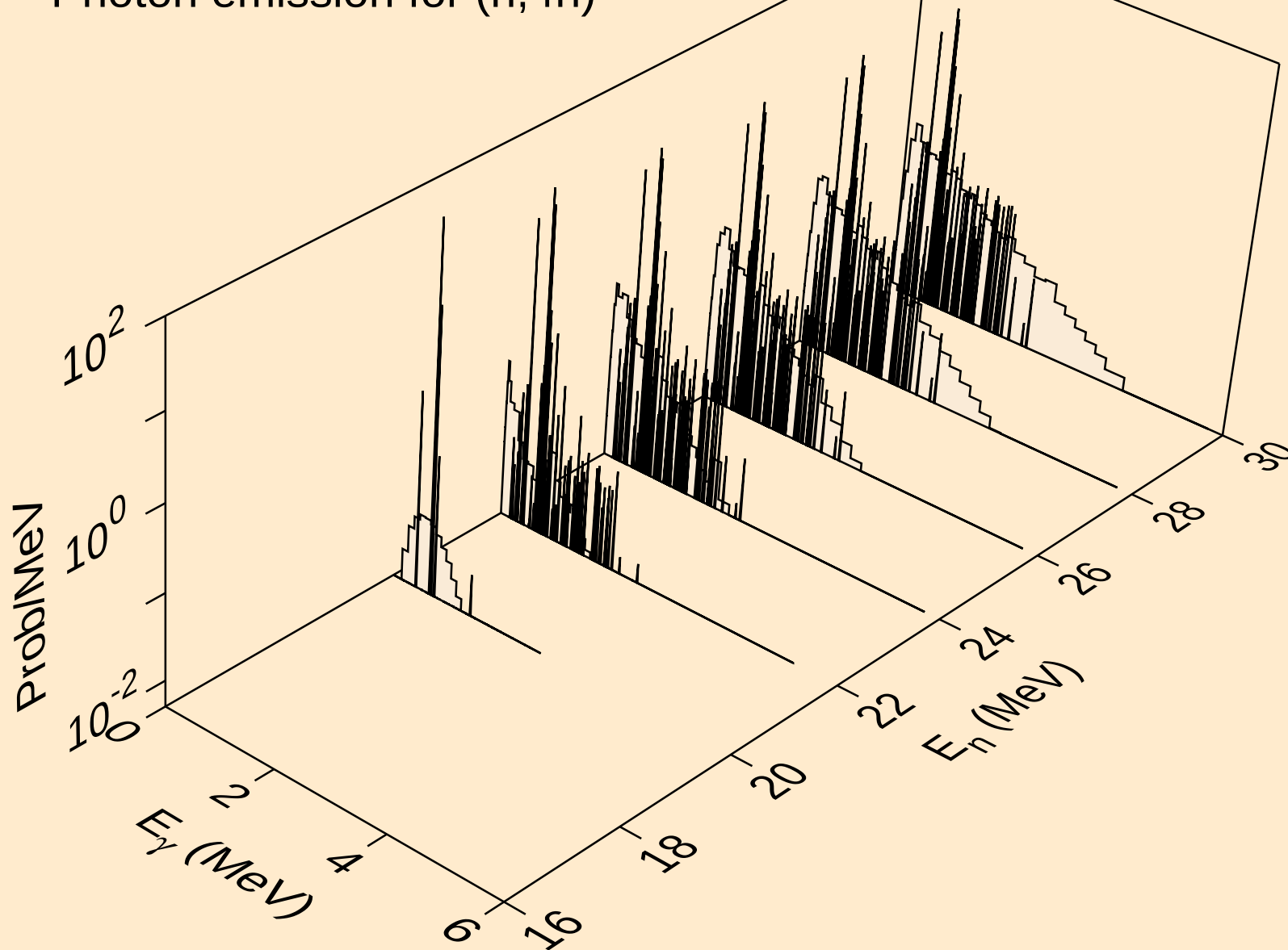
Photon emission for (n,n\*)t



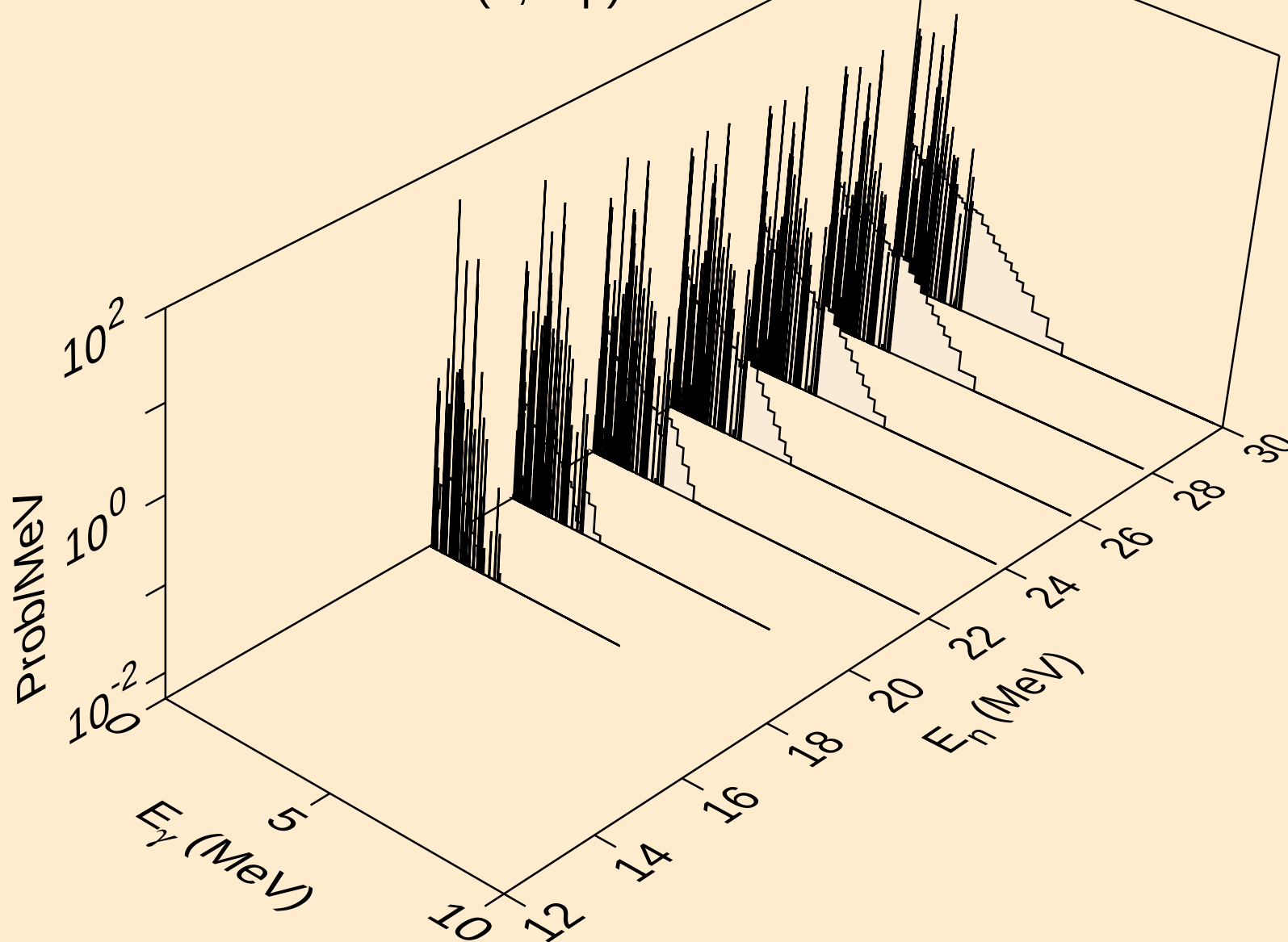
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)\text{he3}$



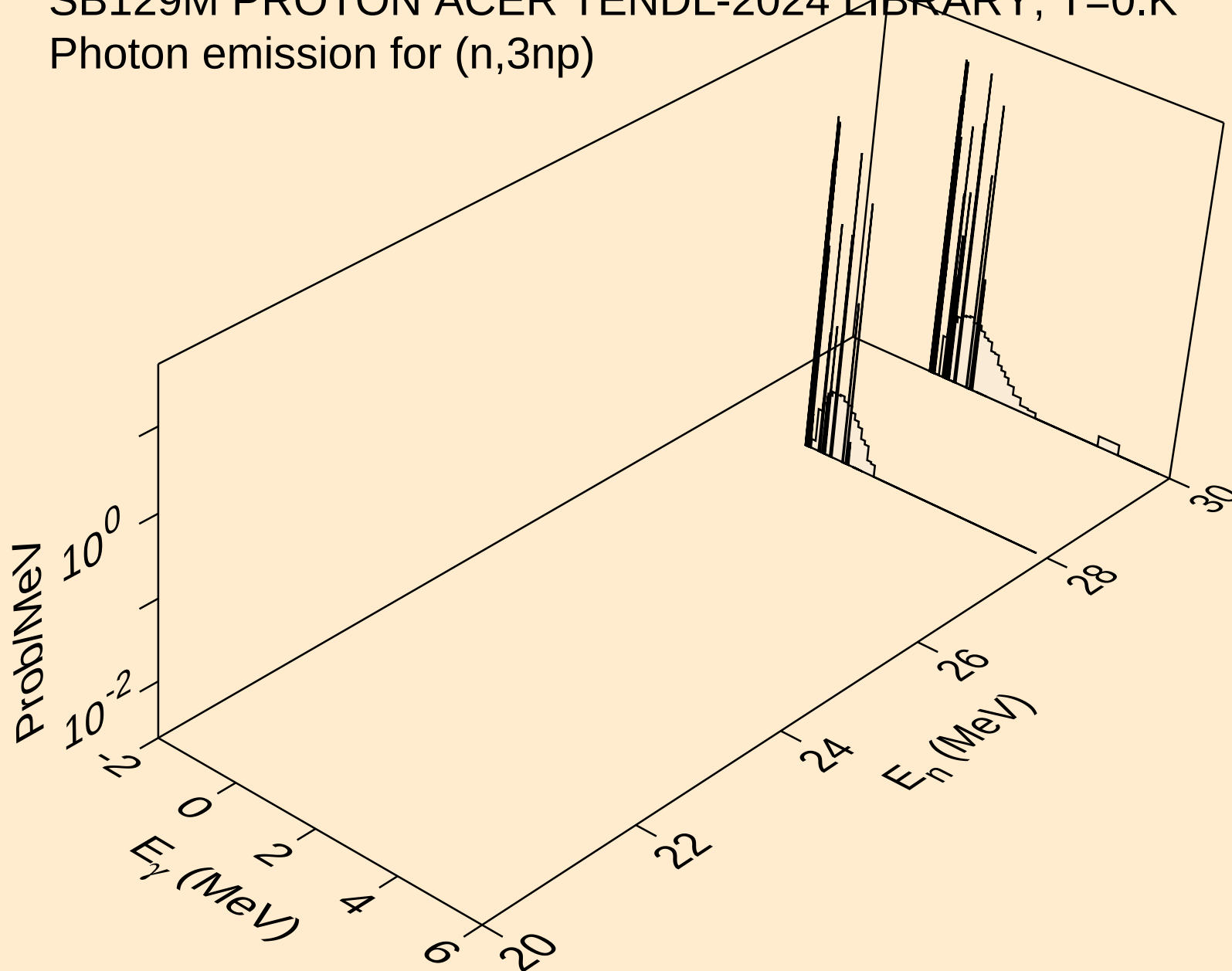
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



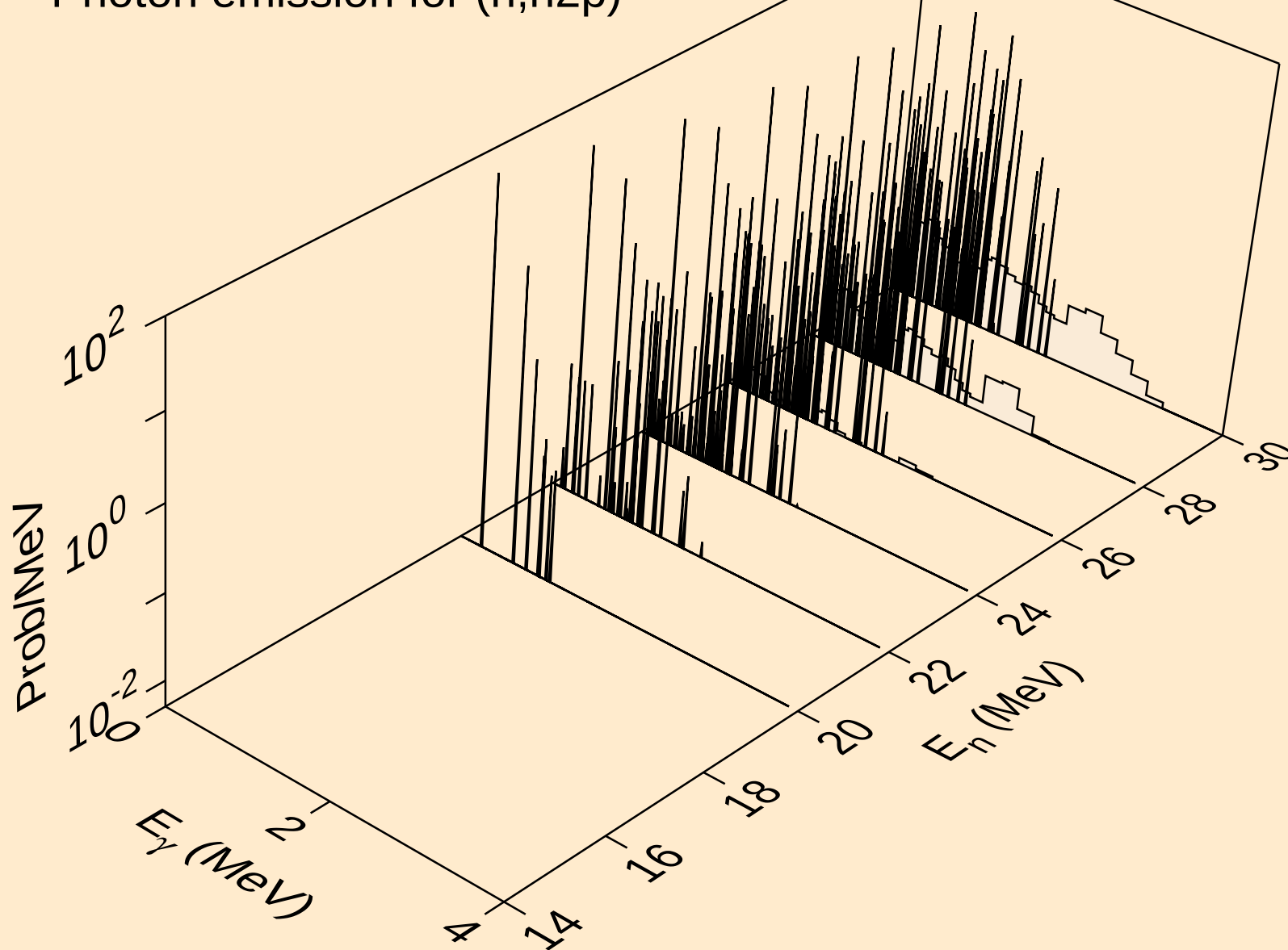
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Photon emission for (n,2np)



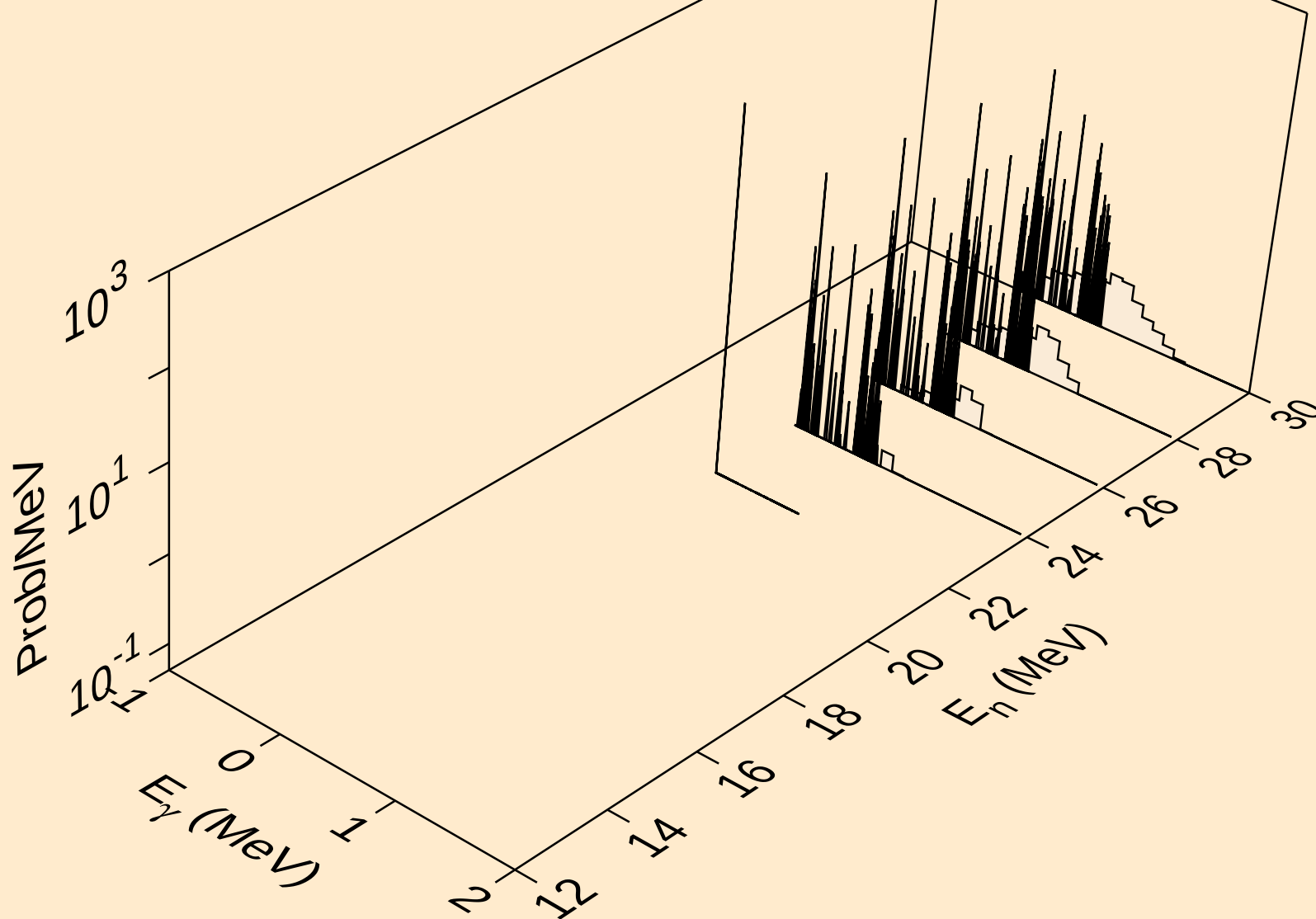
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Photon emission for (n,3np)



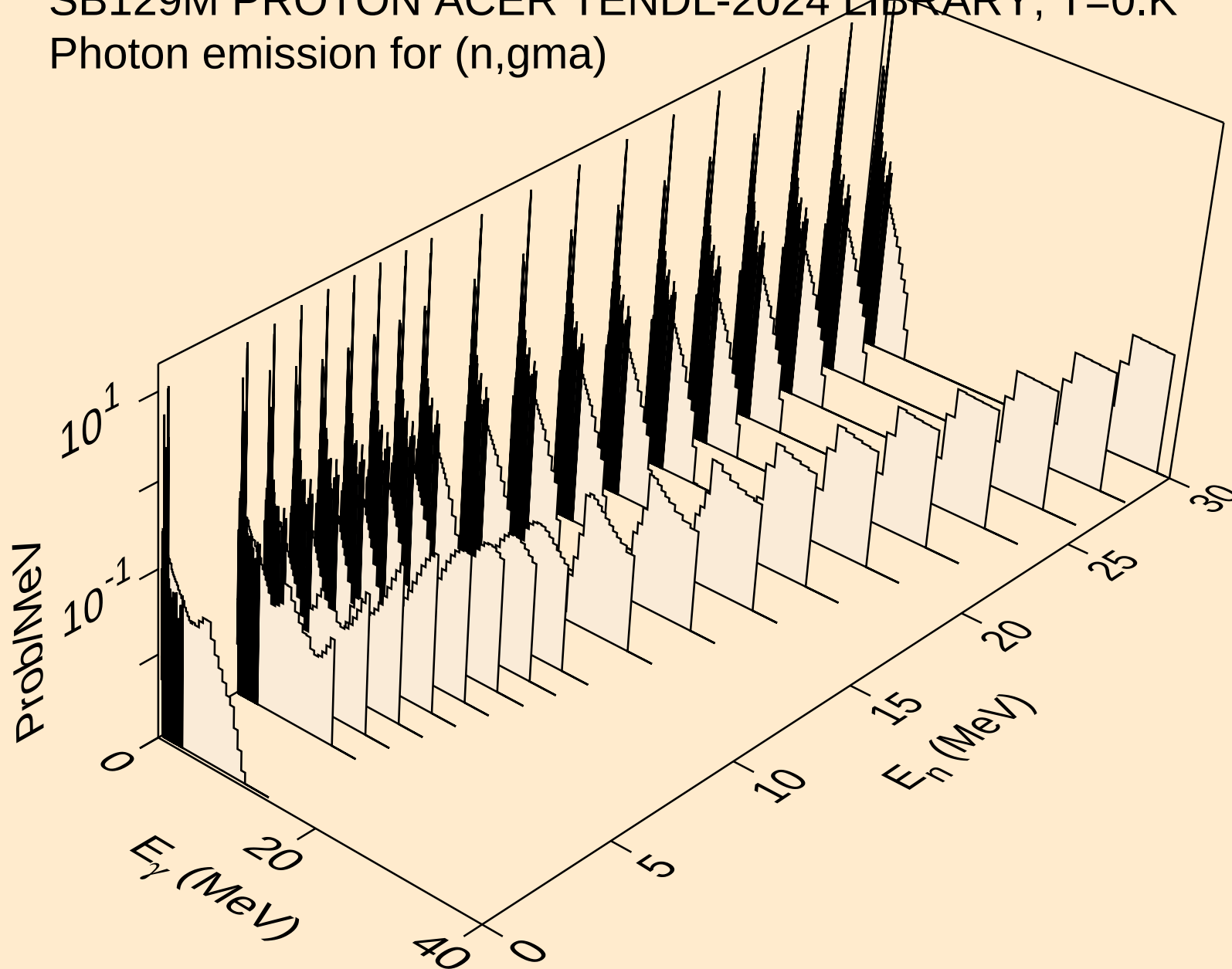
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Photon emission for (n,n2p)



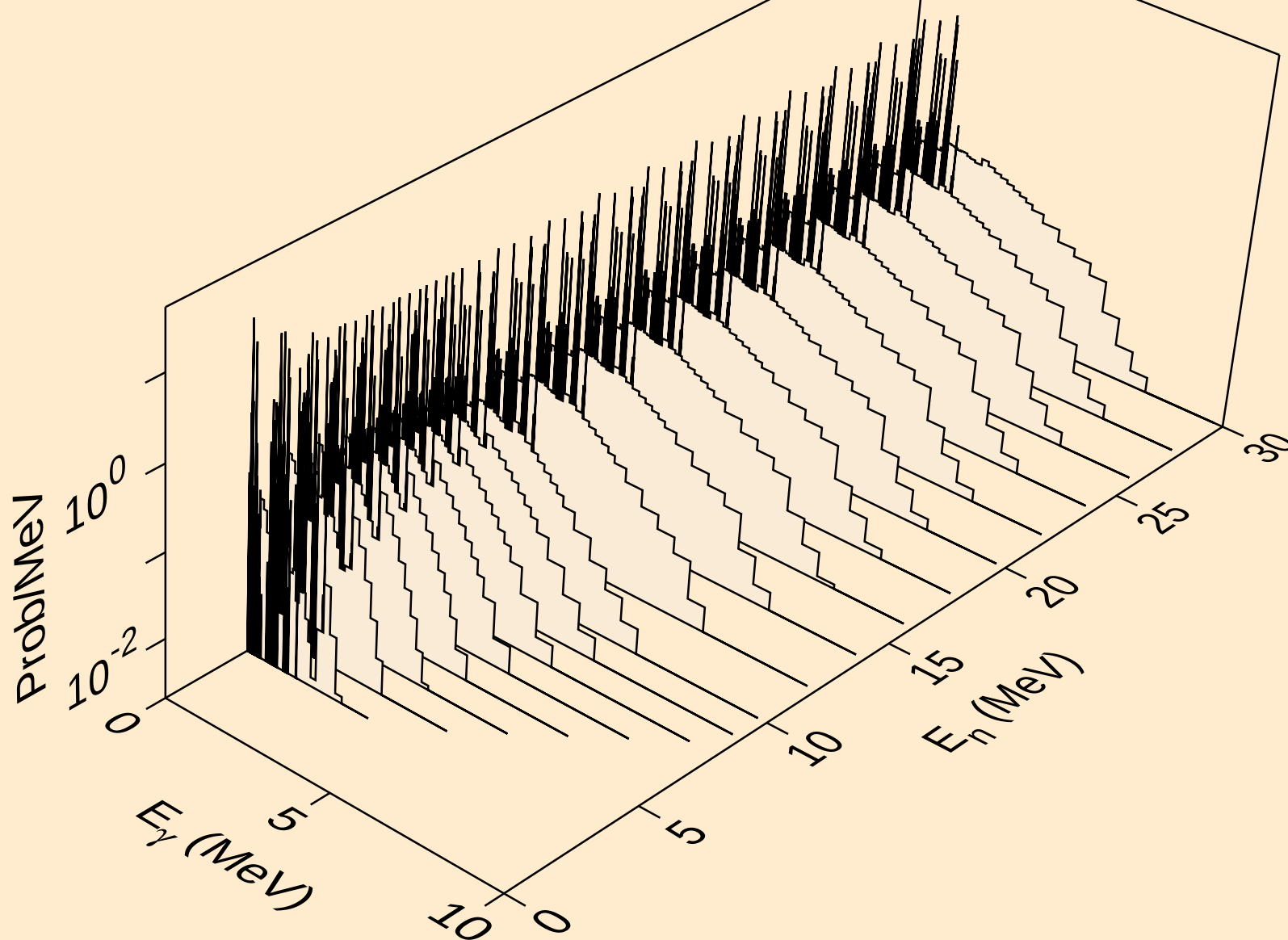
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Photon emission for (n,npa)



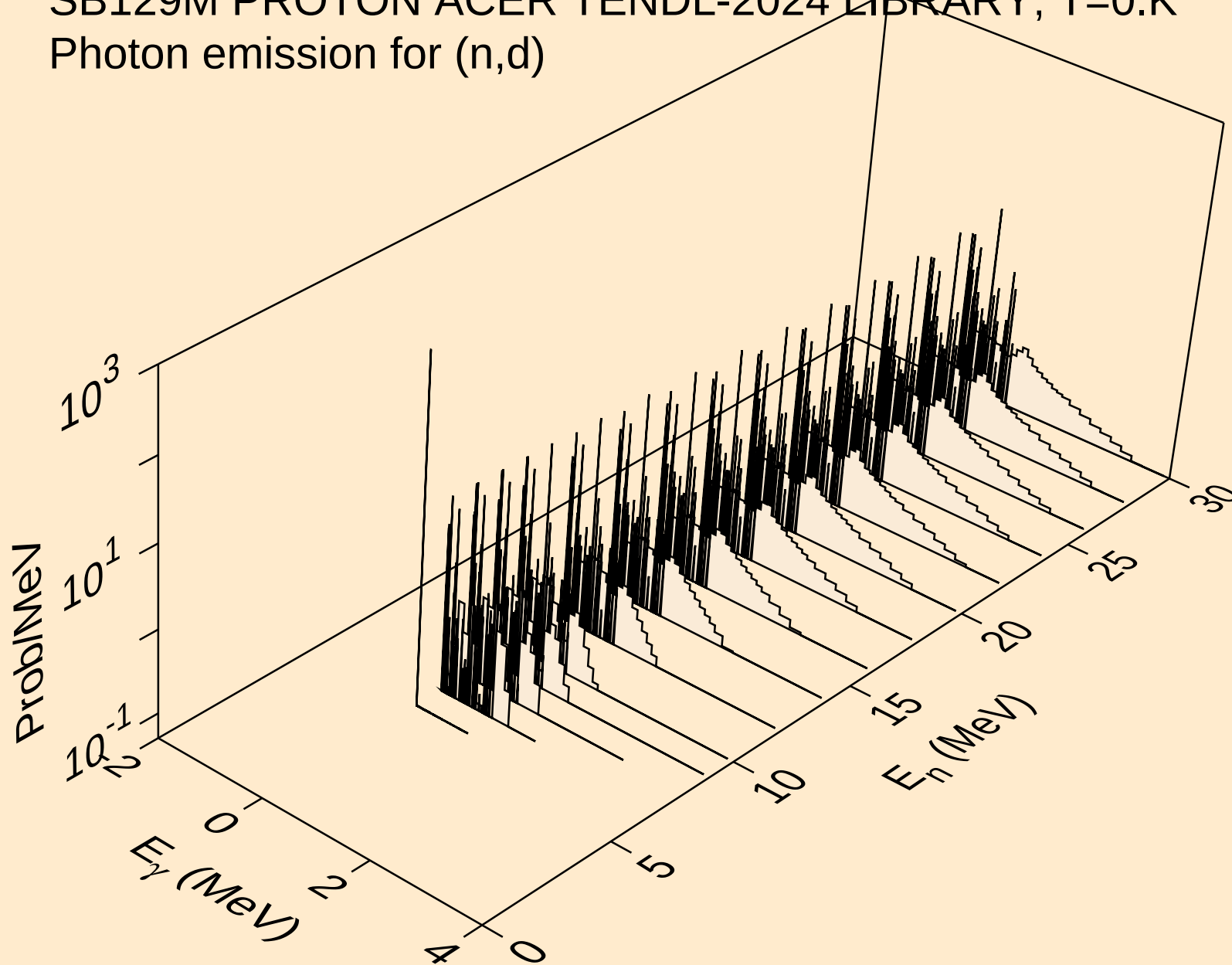
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Photon emission for (n,gma)



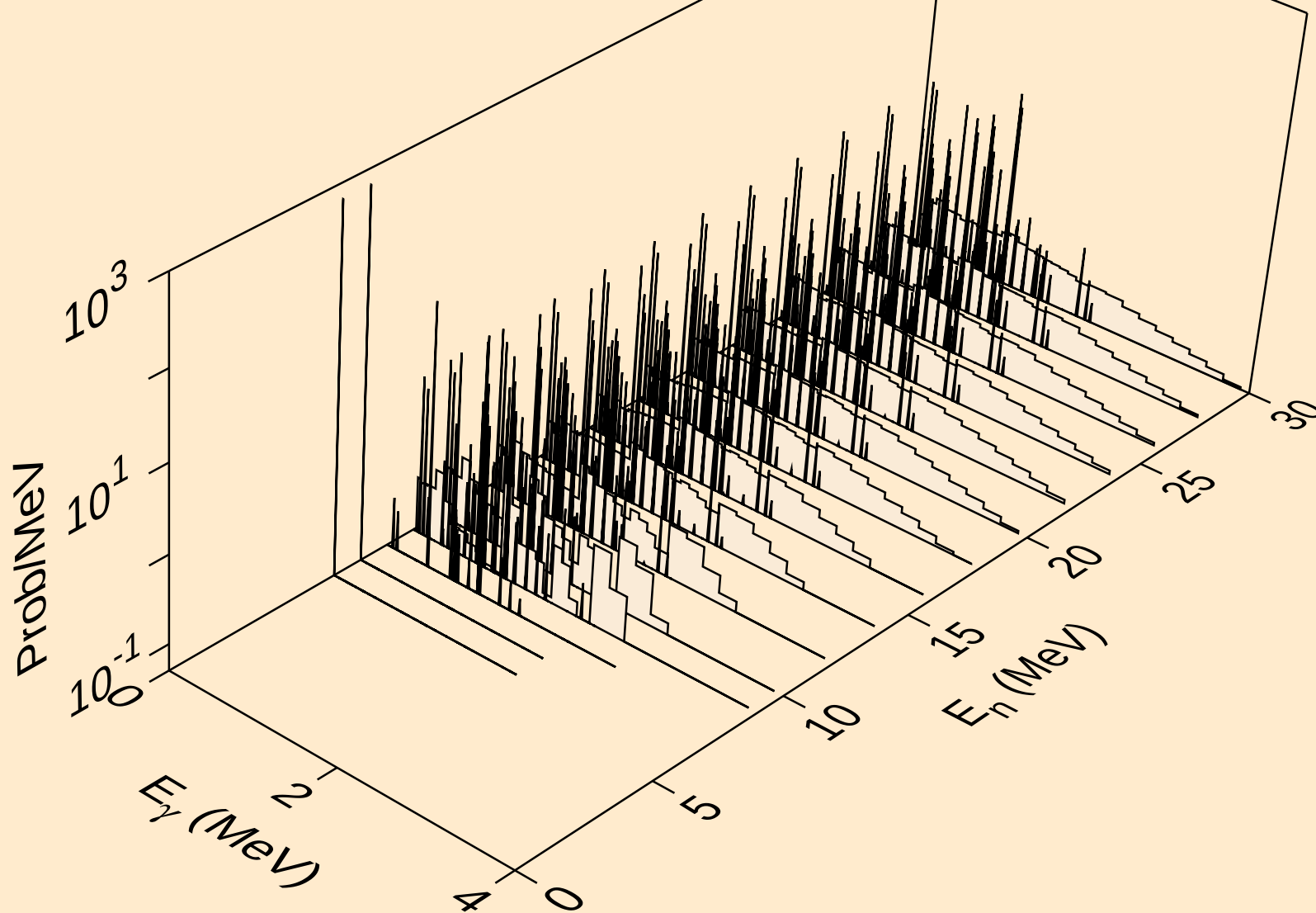
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for inelastic



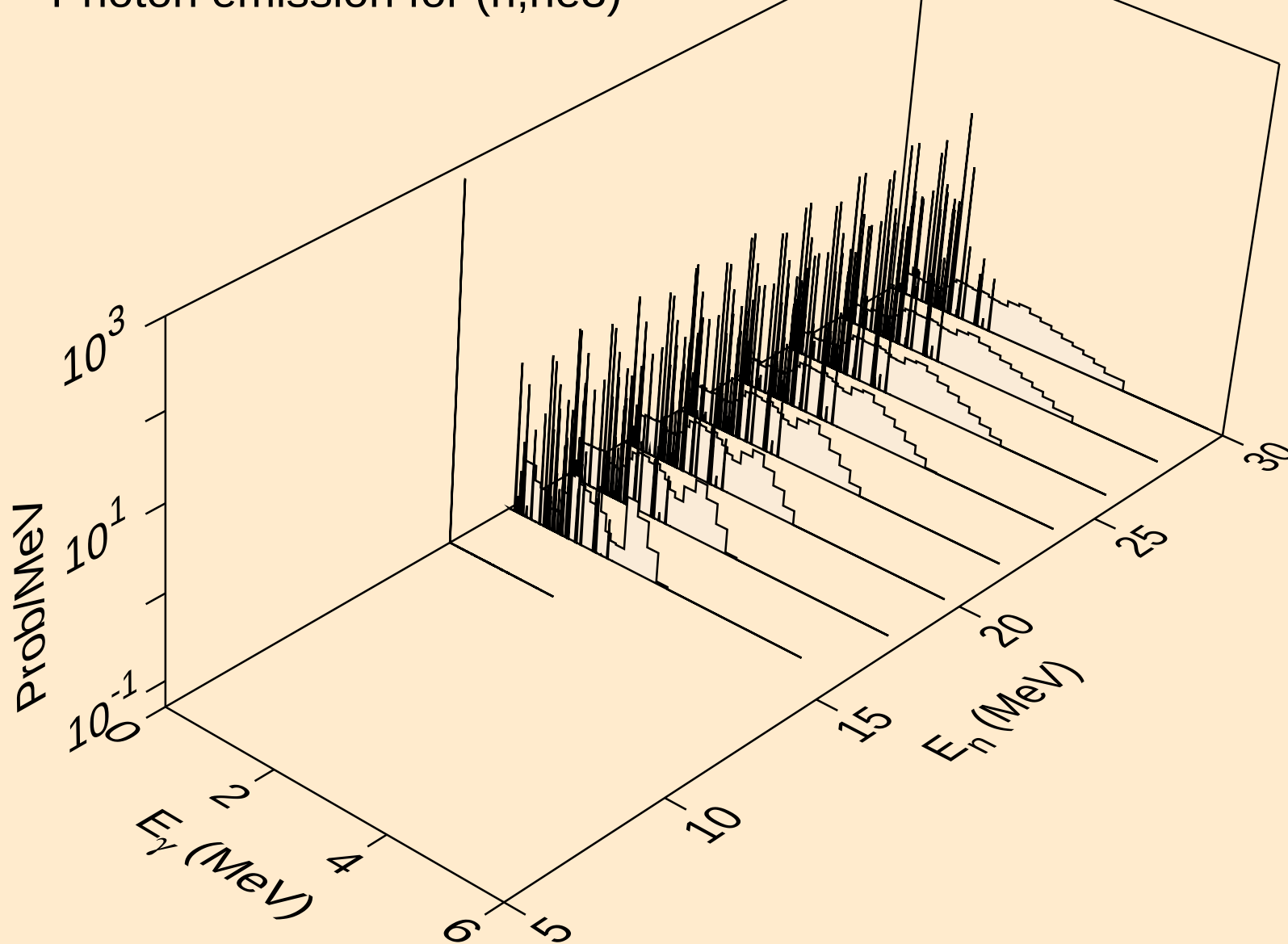
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Photon emission for (n,d)



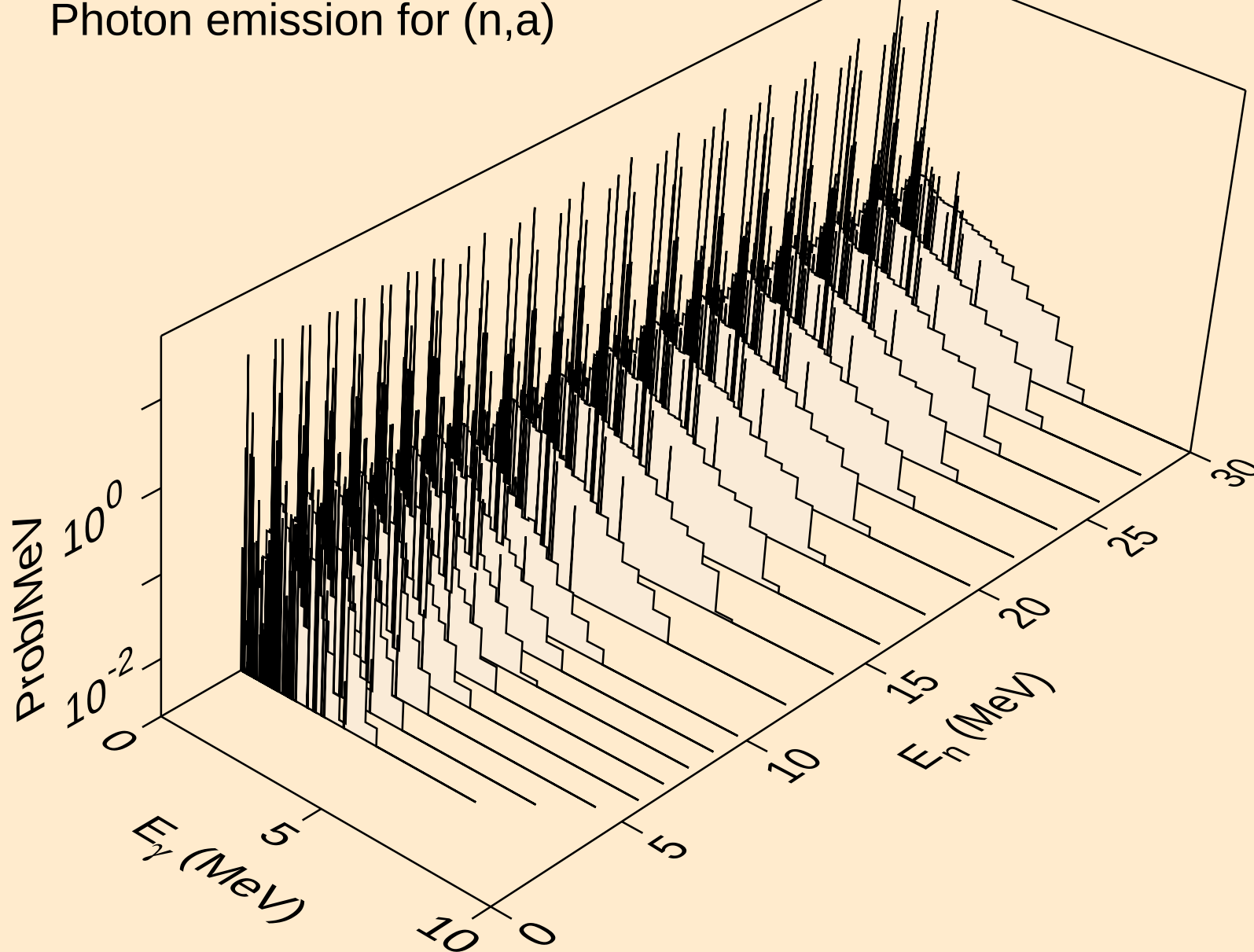
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



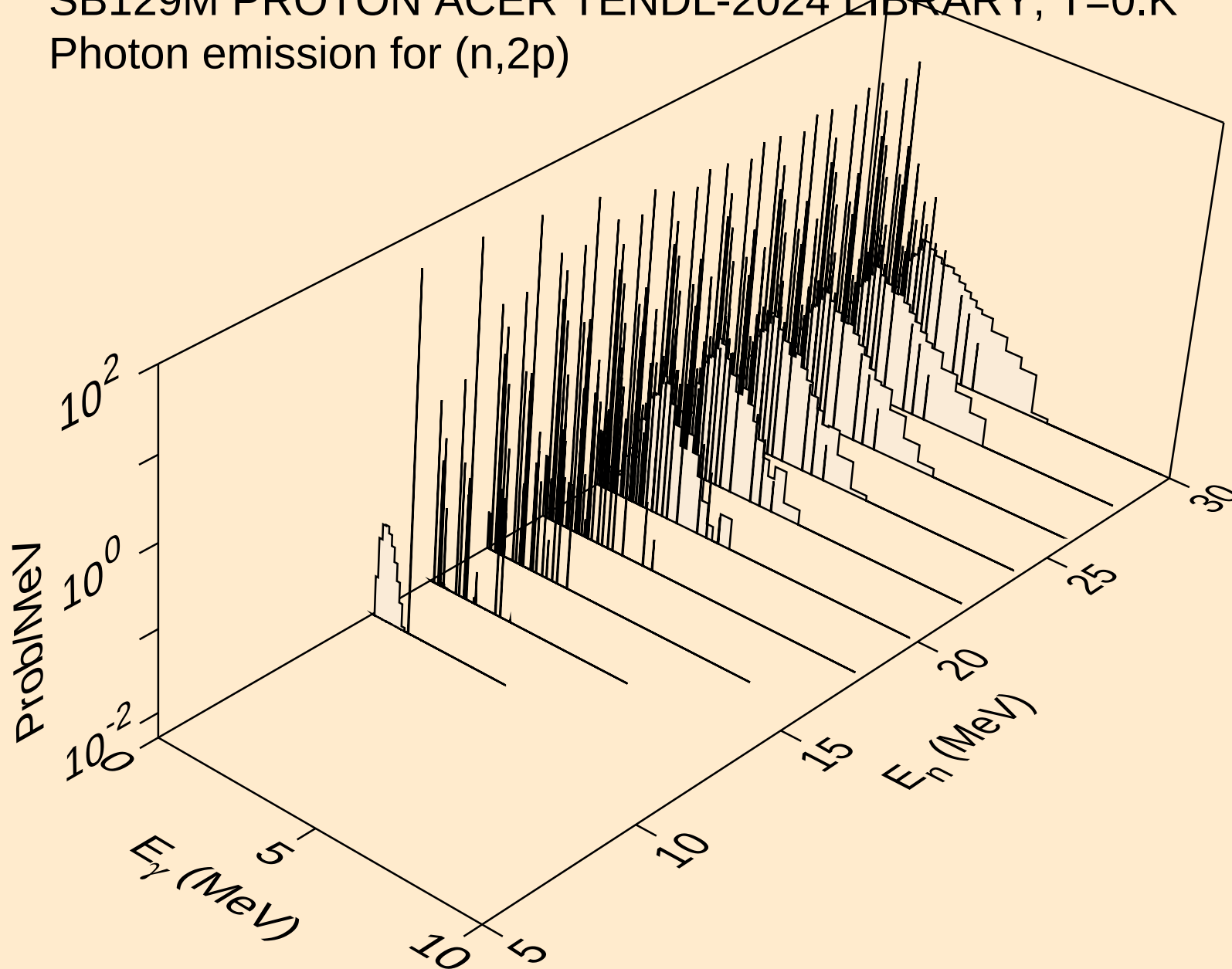
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Photon emission for (n,he3)



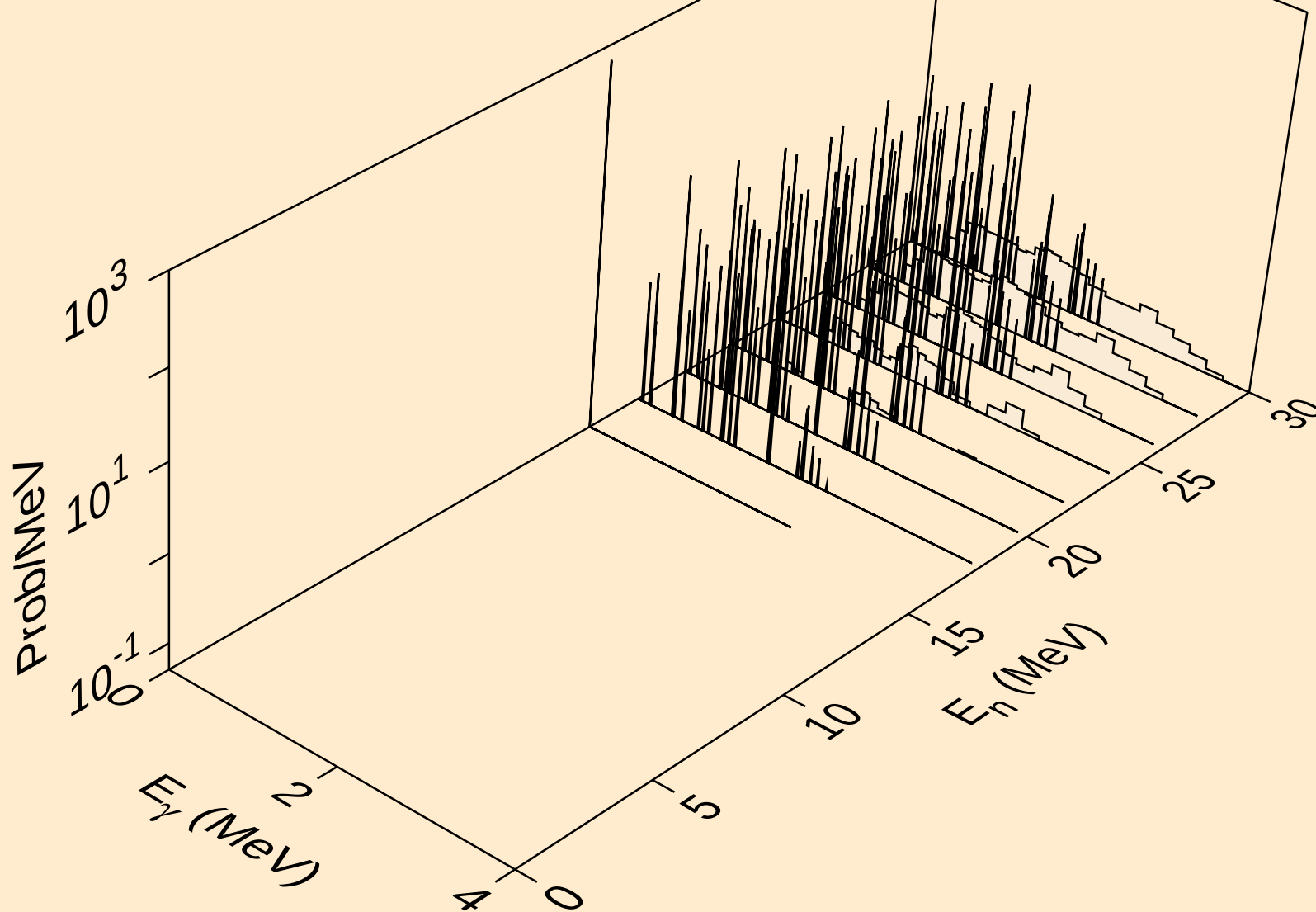
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Photon emission for (n,a)



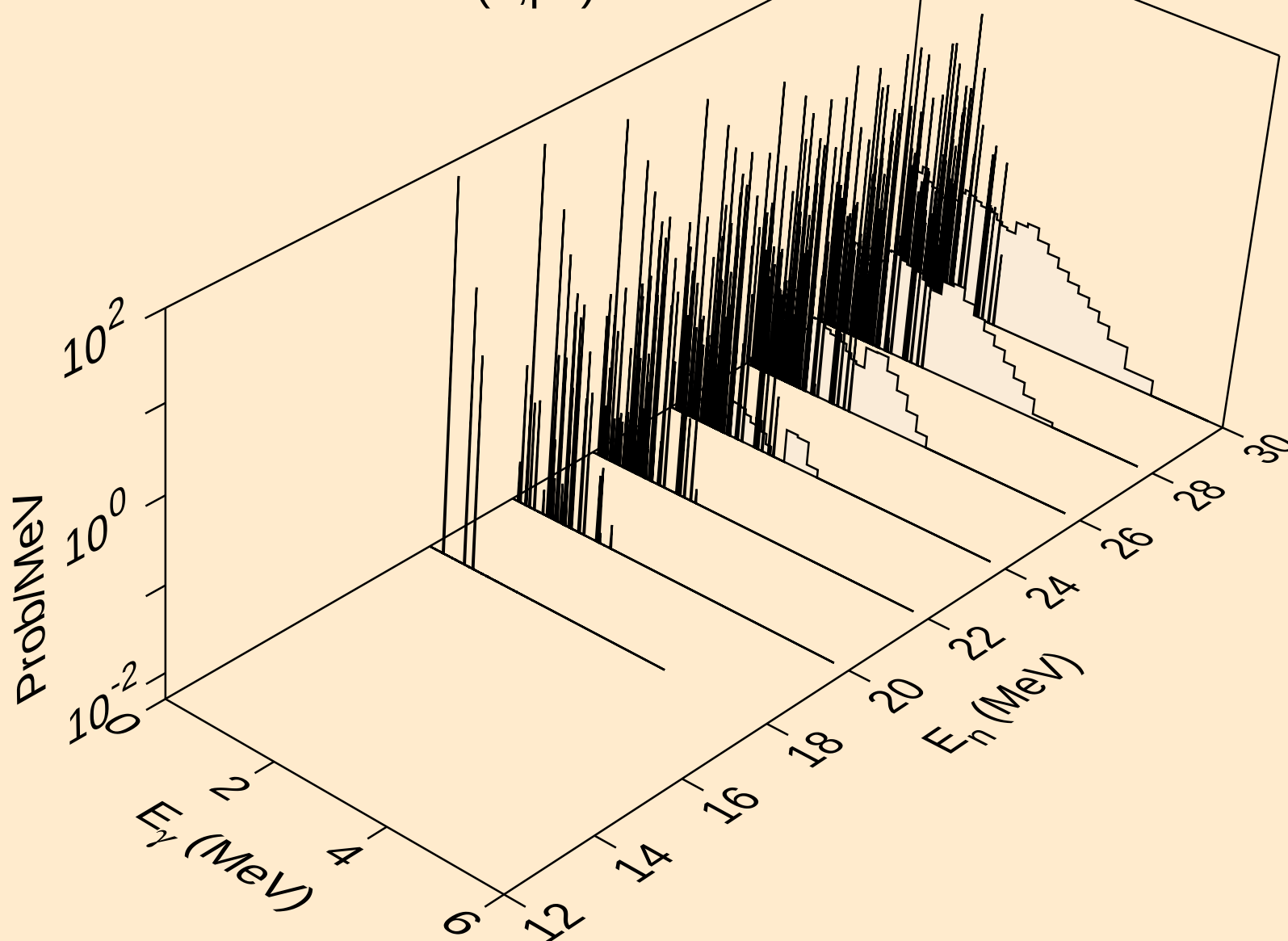
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Photon emission for (n,2p)



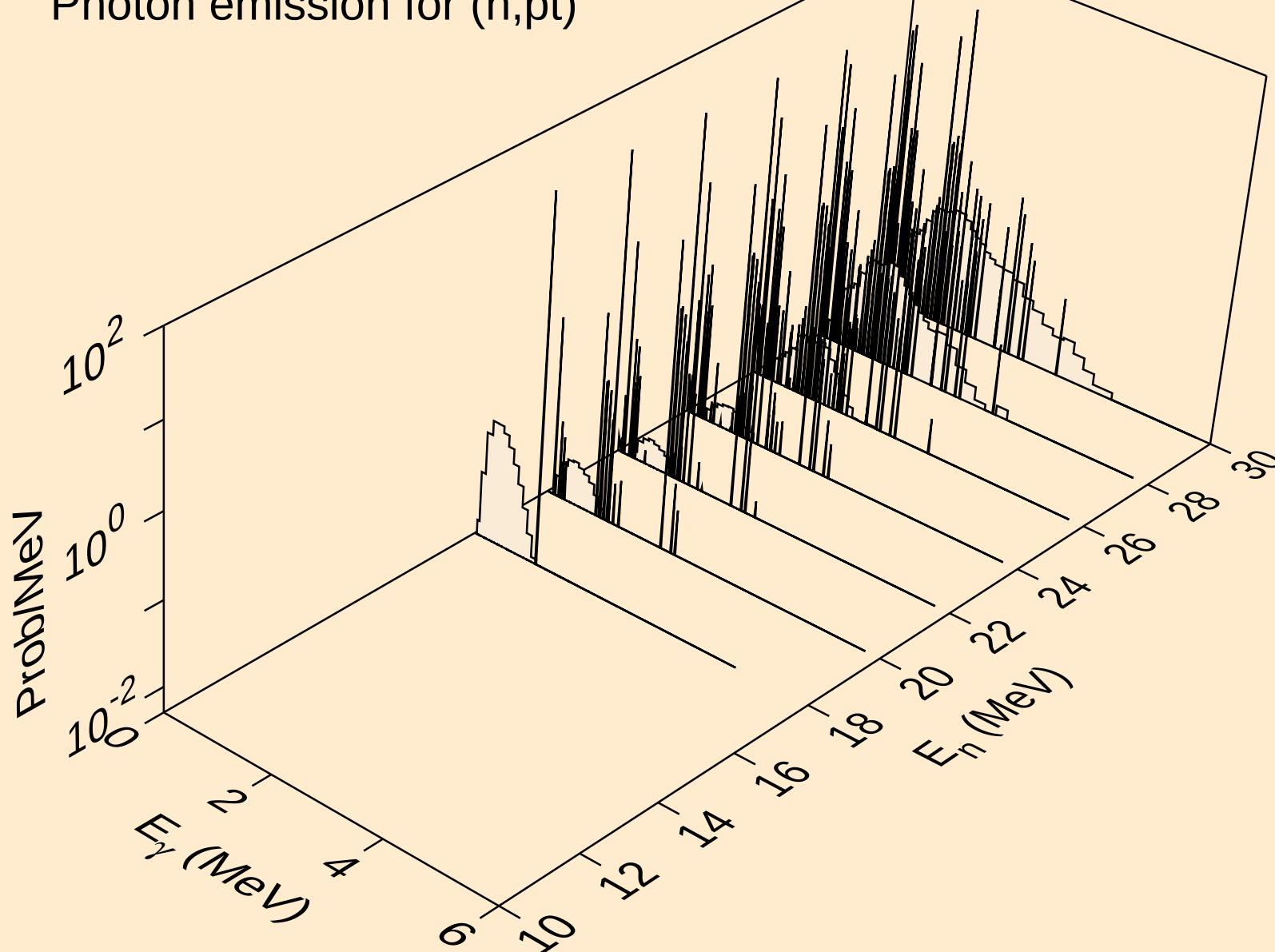
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Photon emission for (n,p)



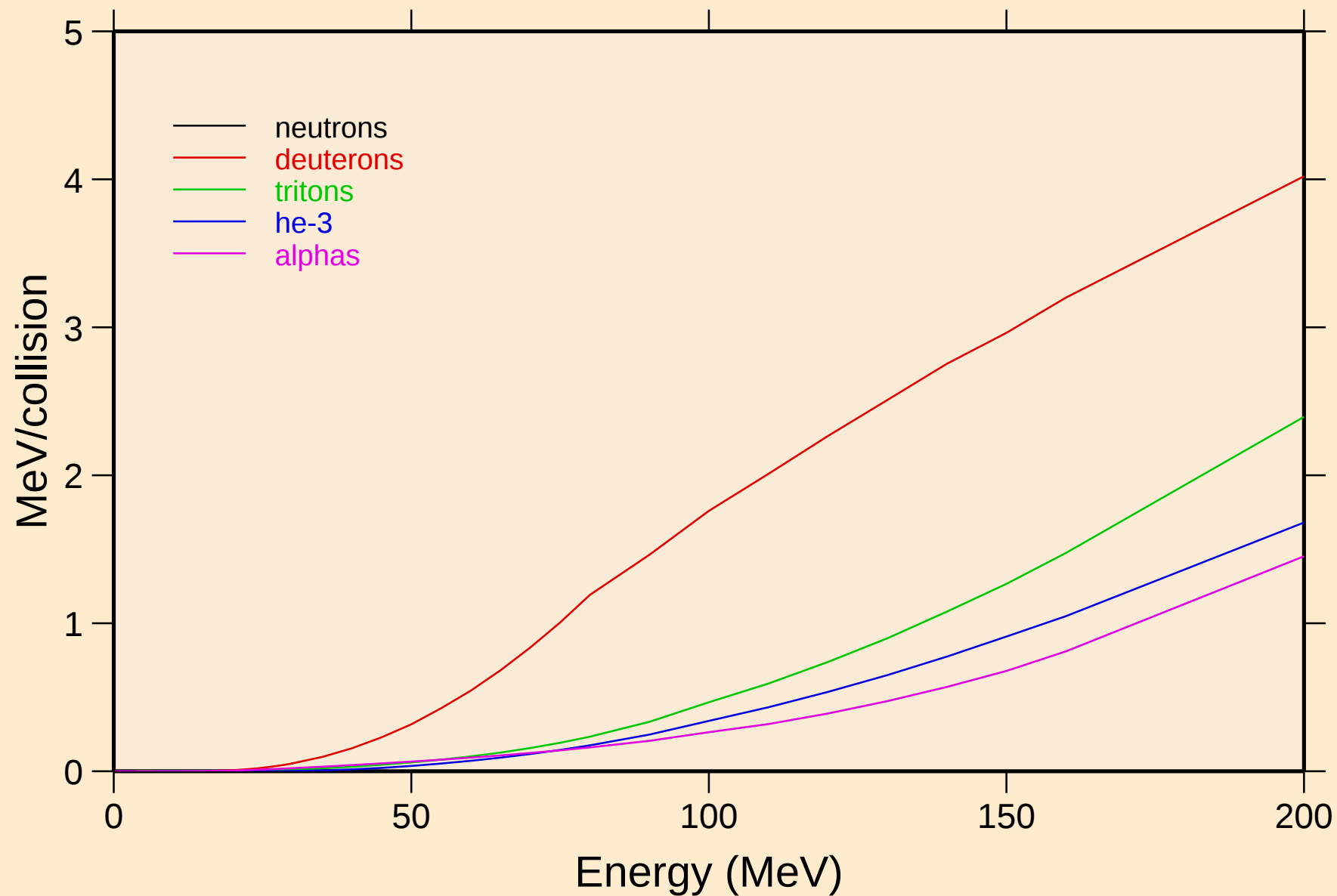
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,pd)



SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

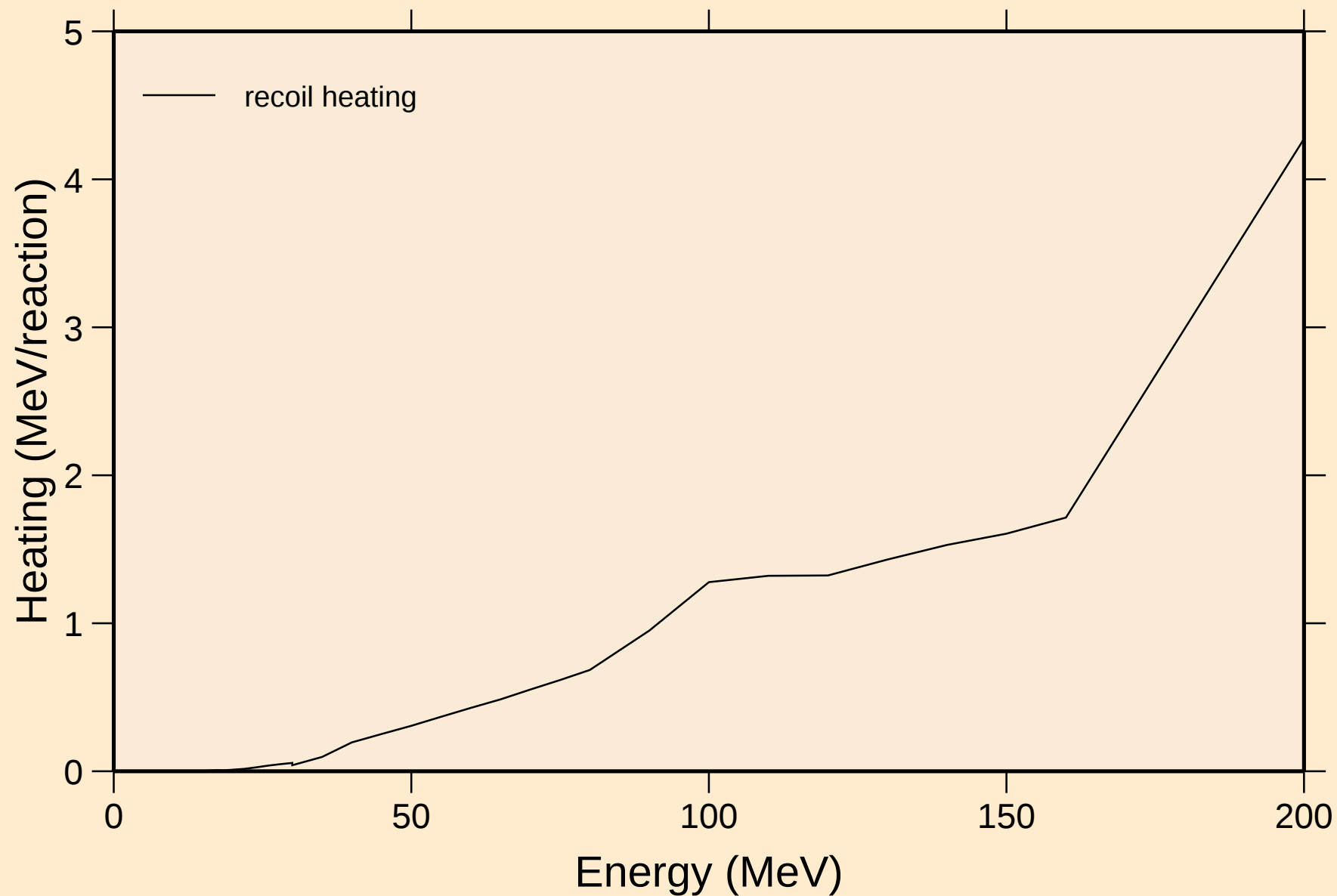


SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



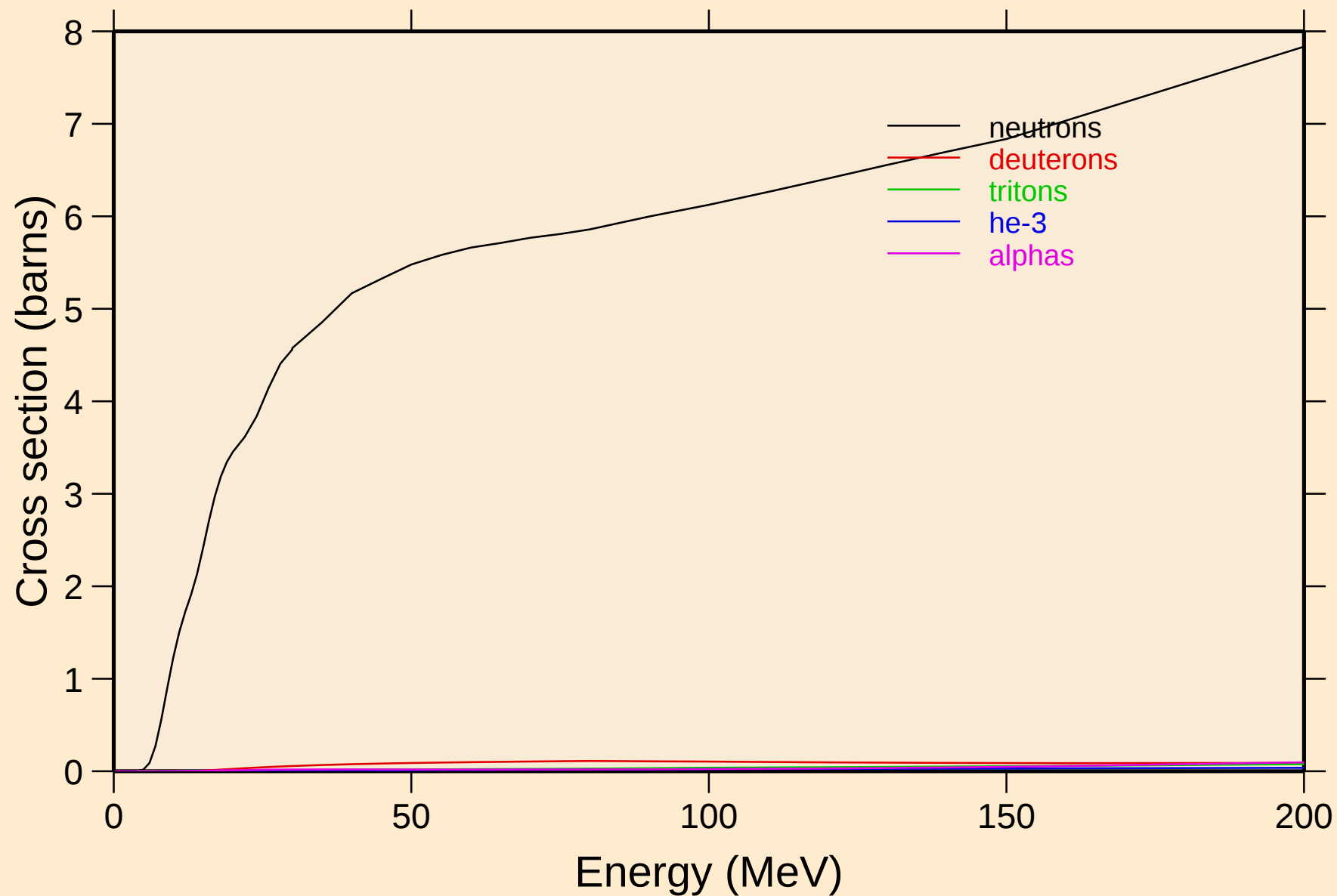
# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

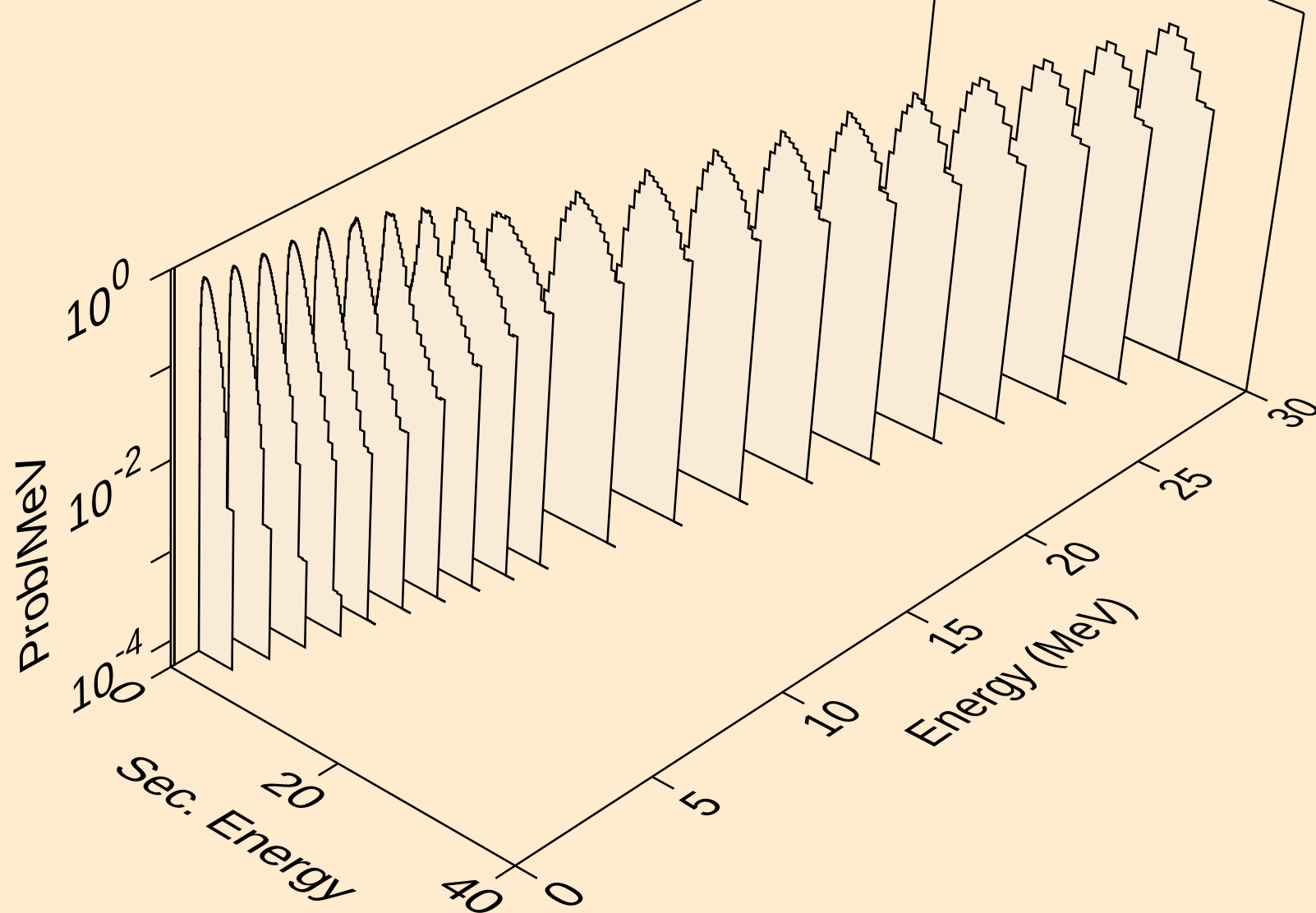


# SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K

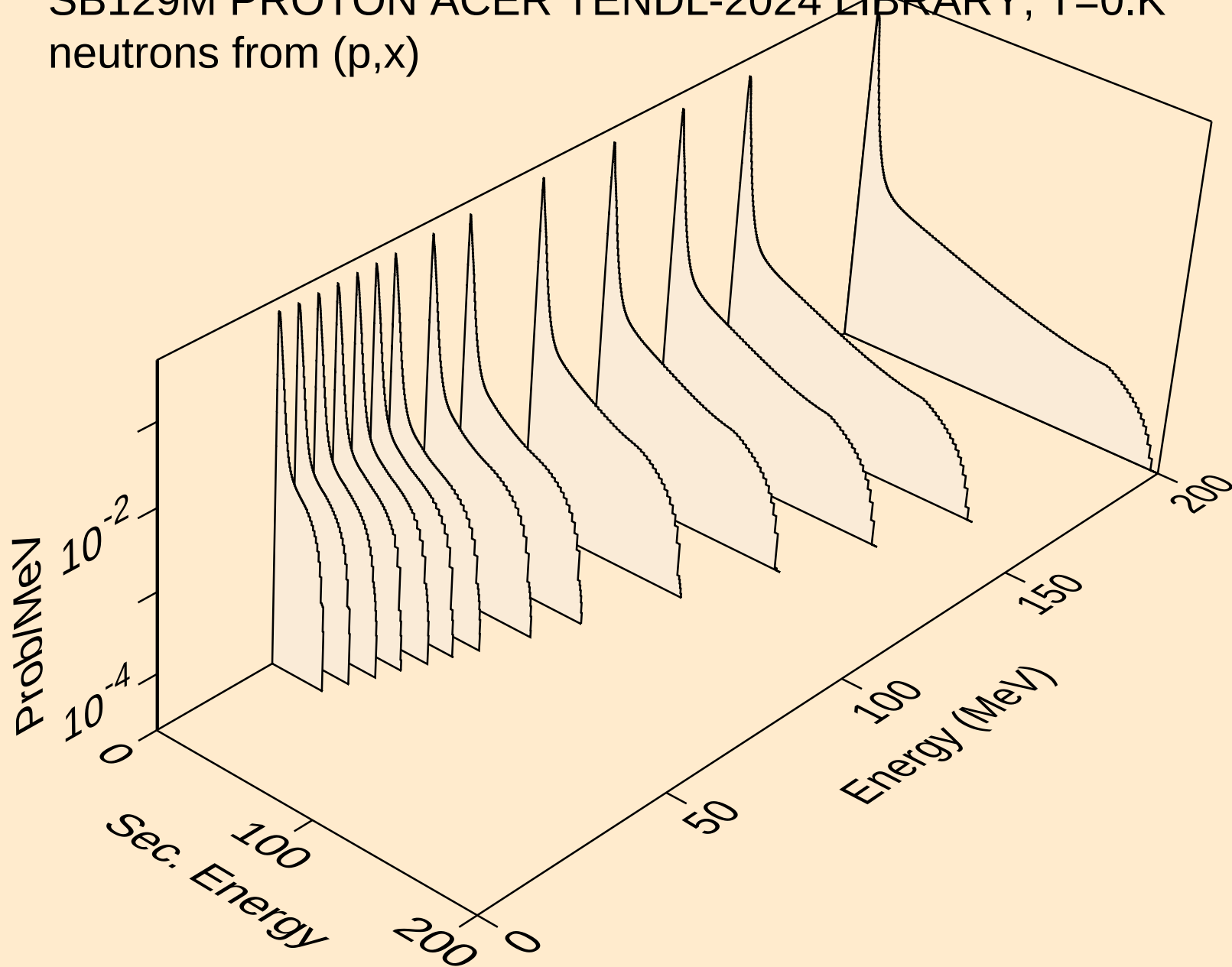
Particle production cross sections



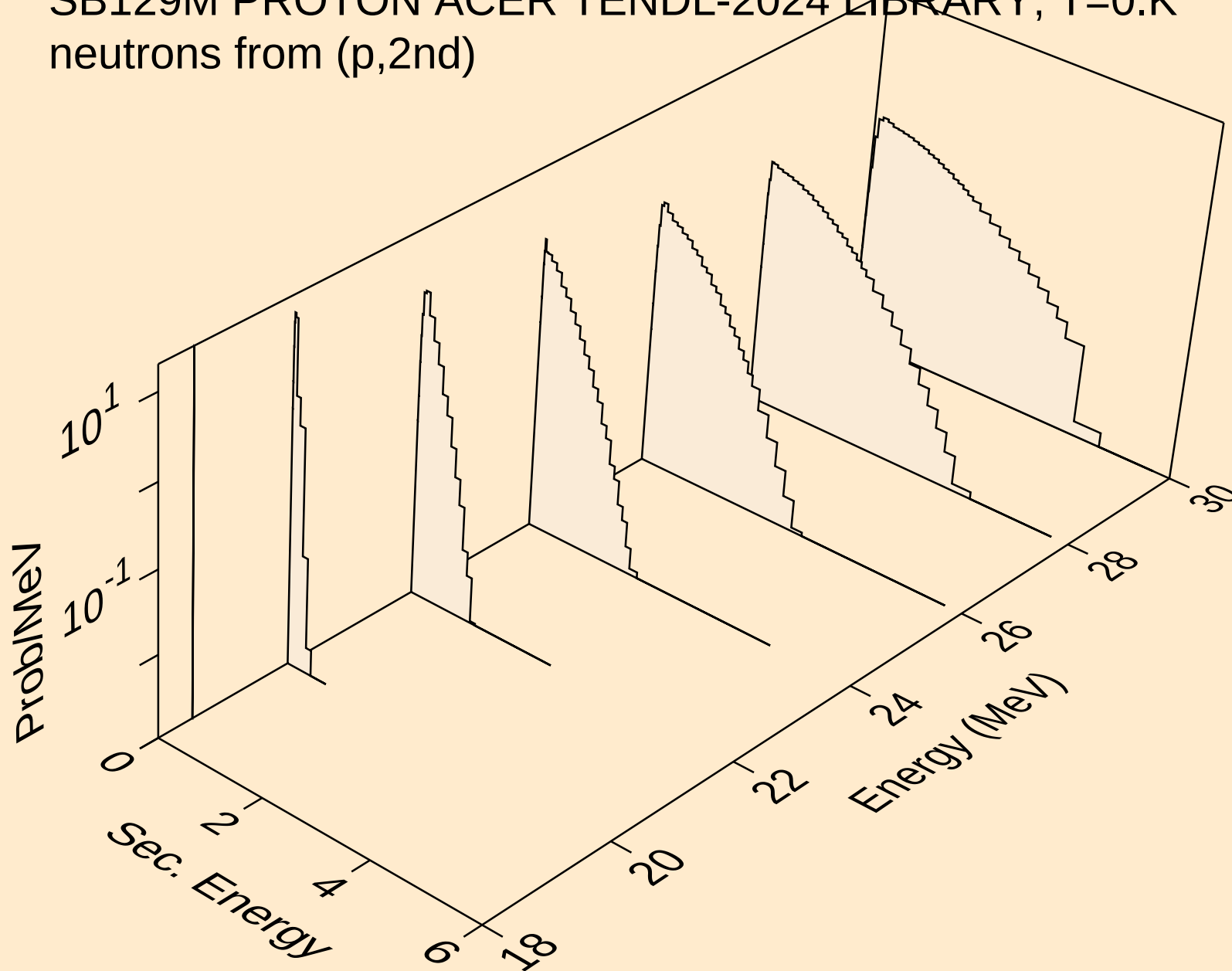
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



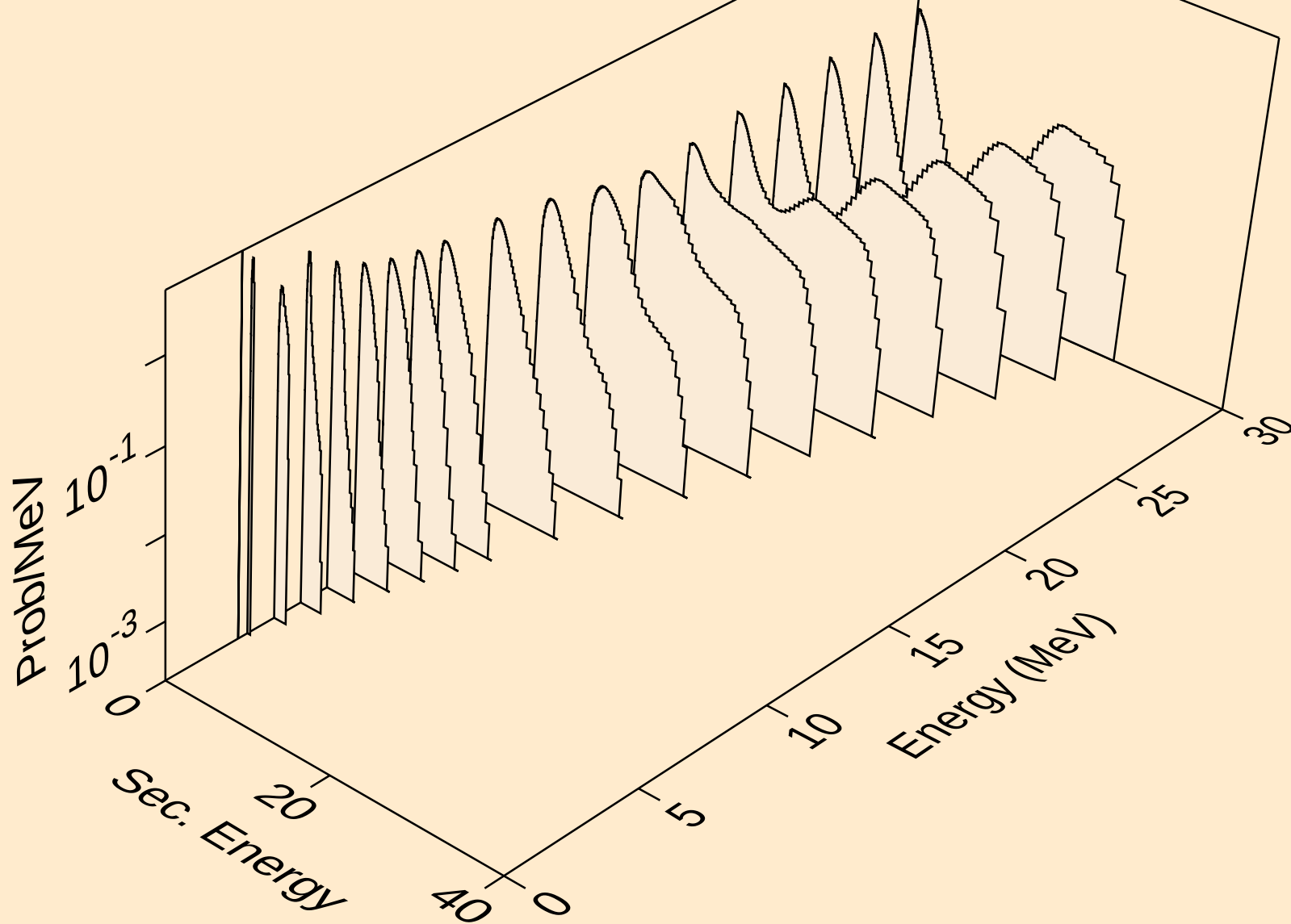
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



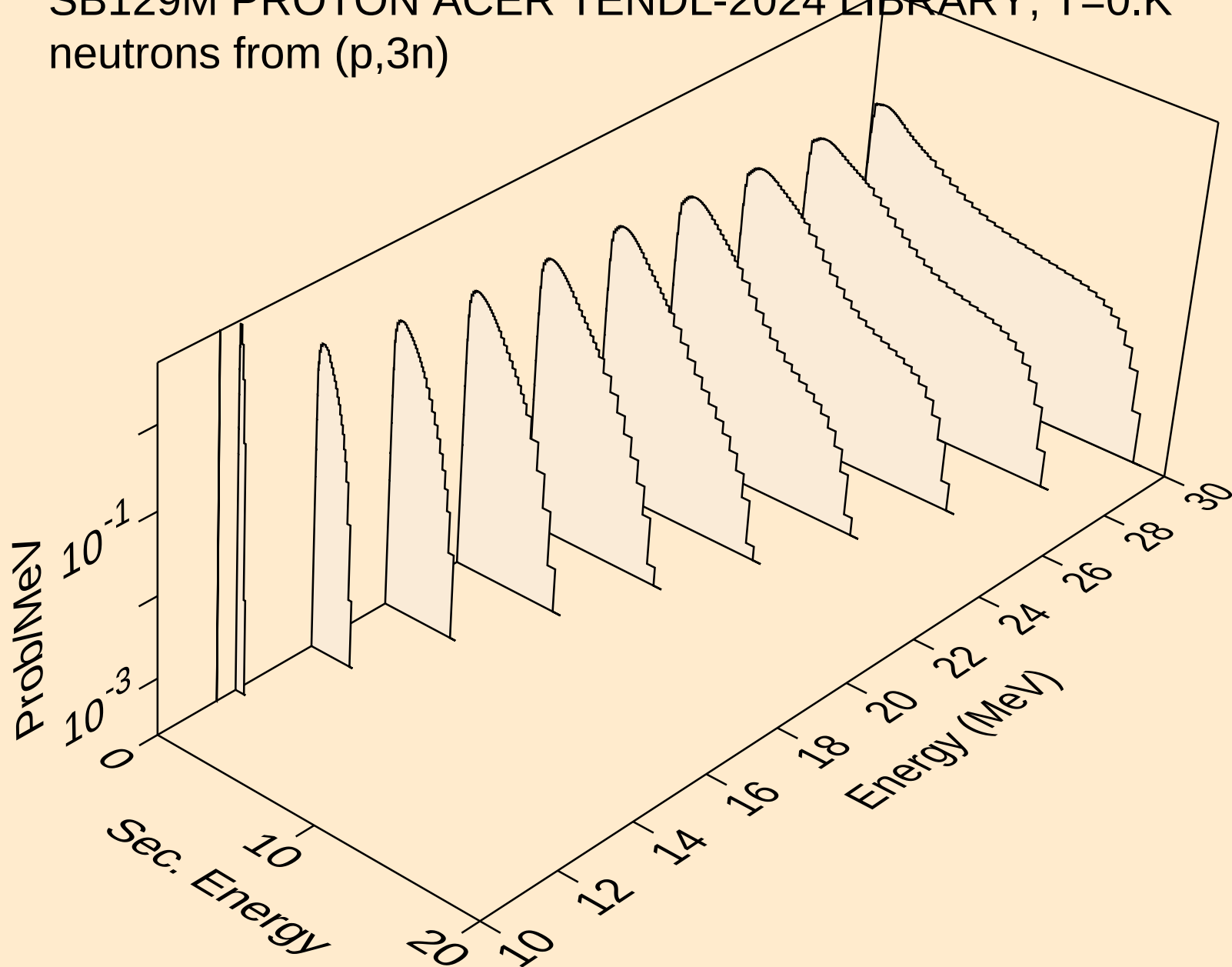
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



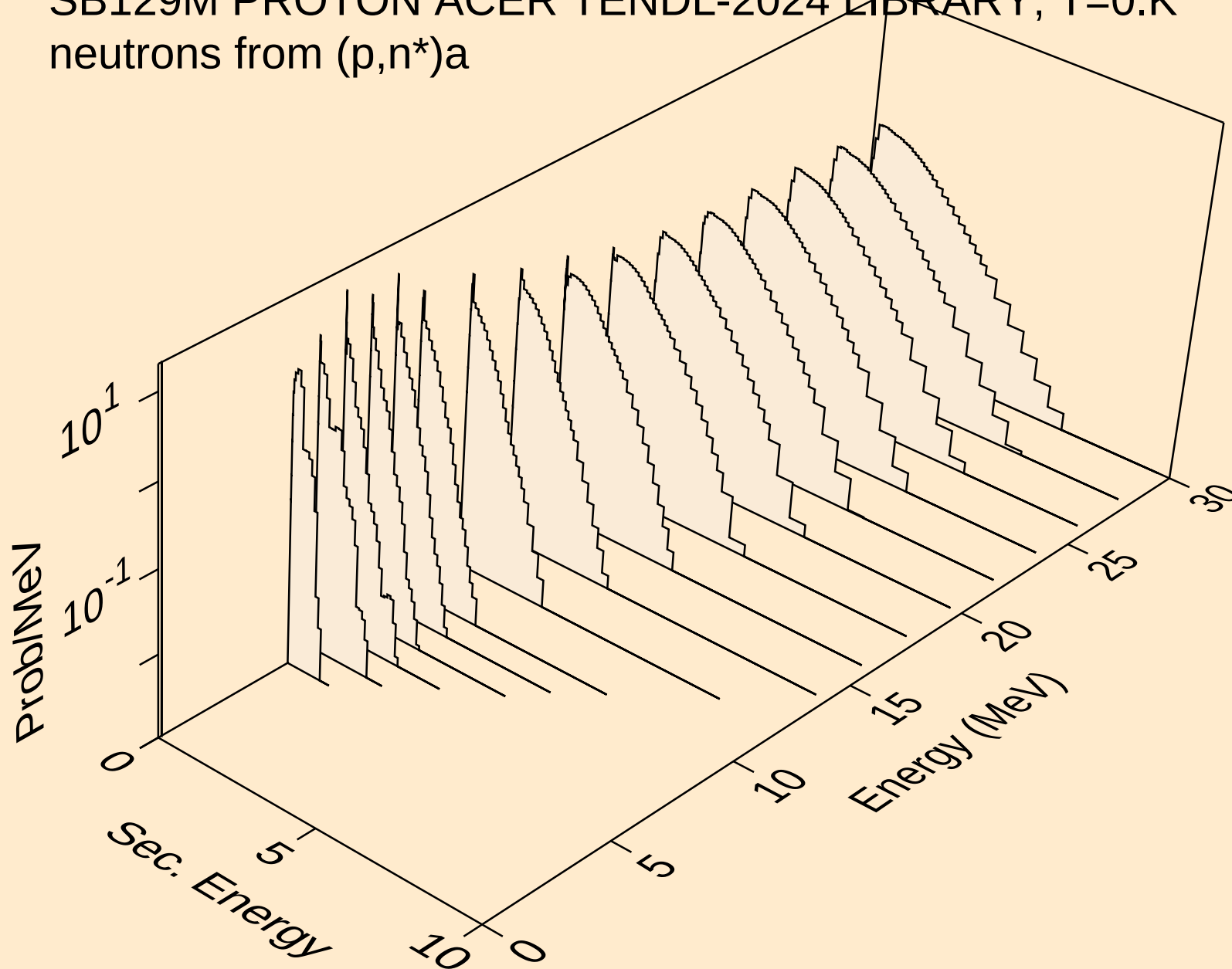
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



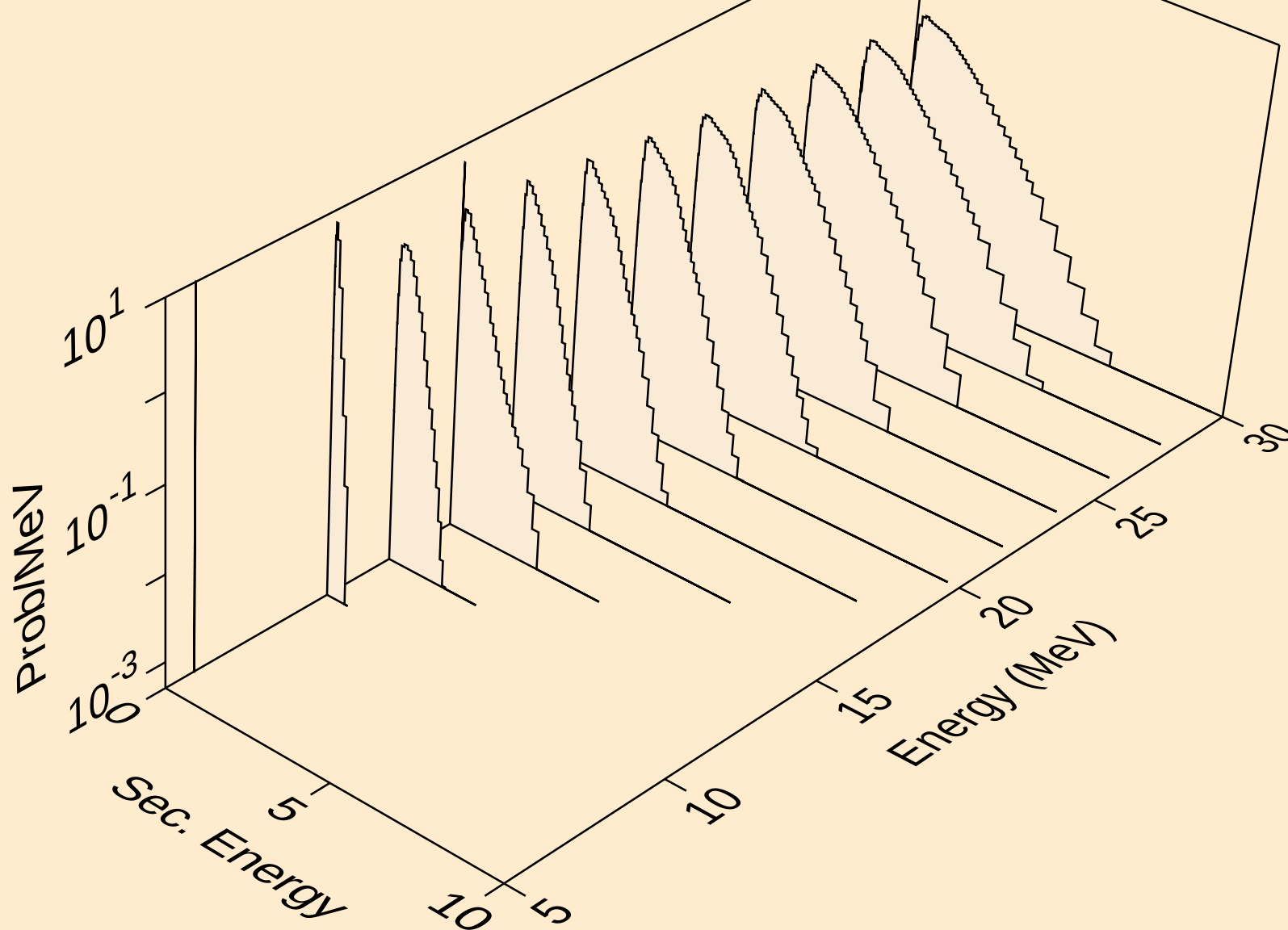
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



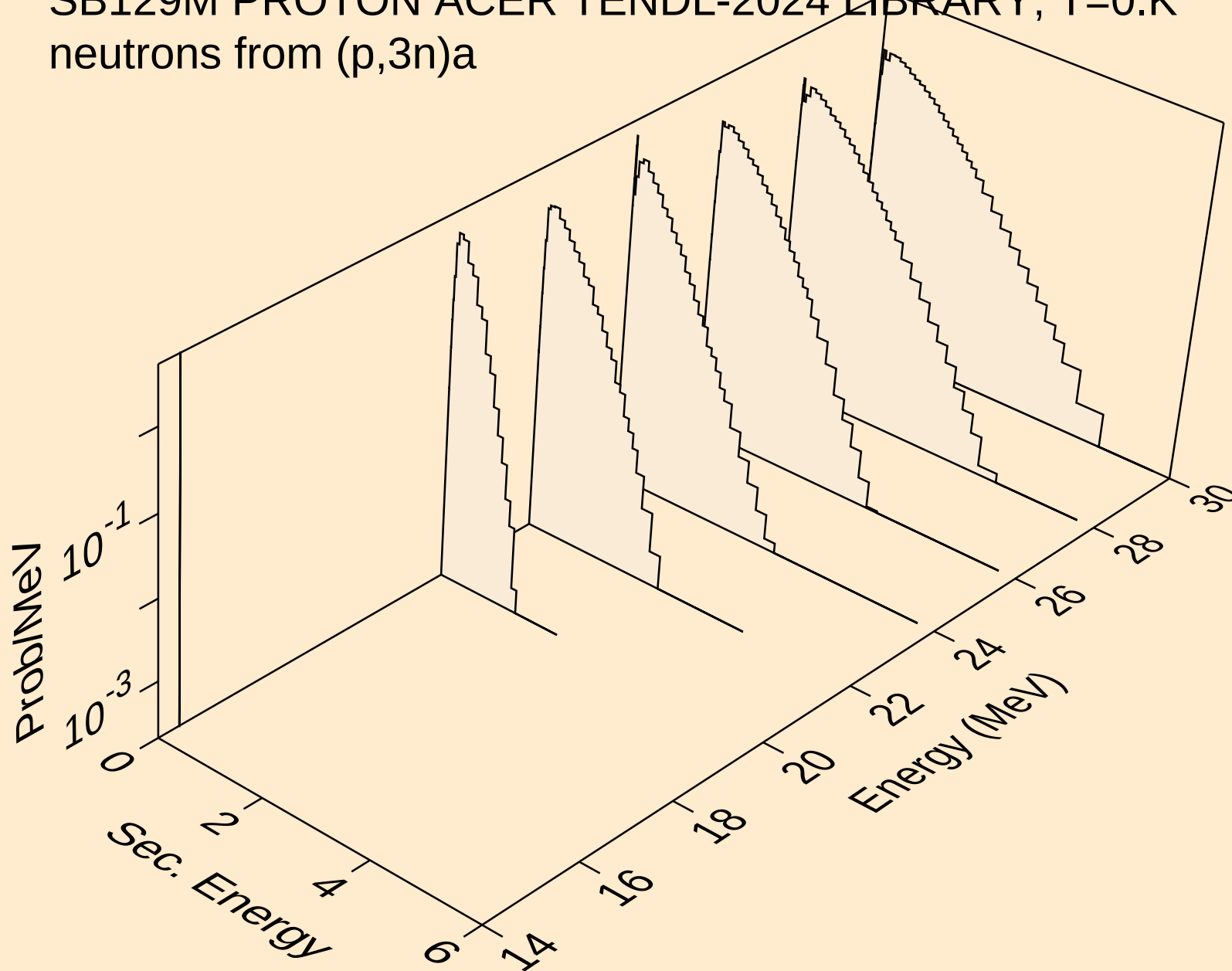
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)a$



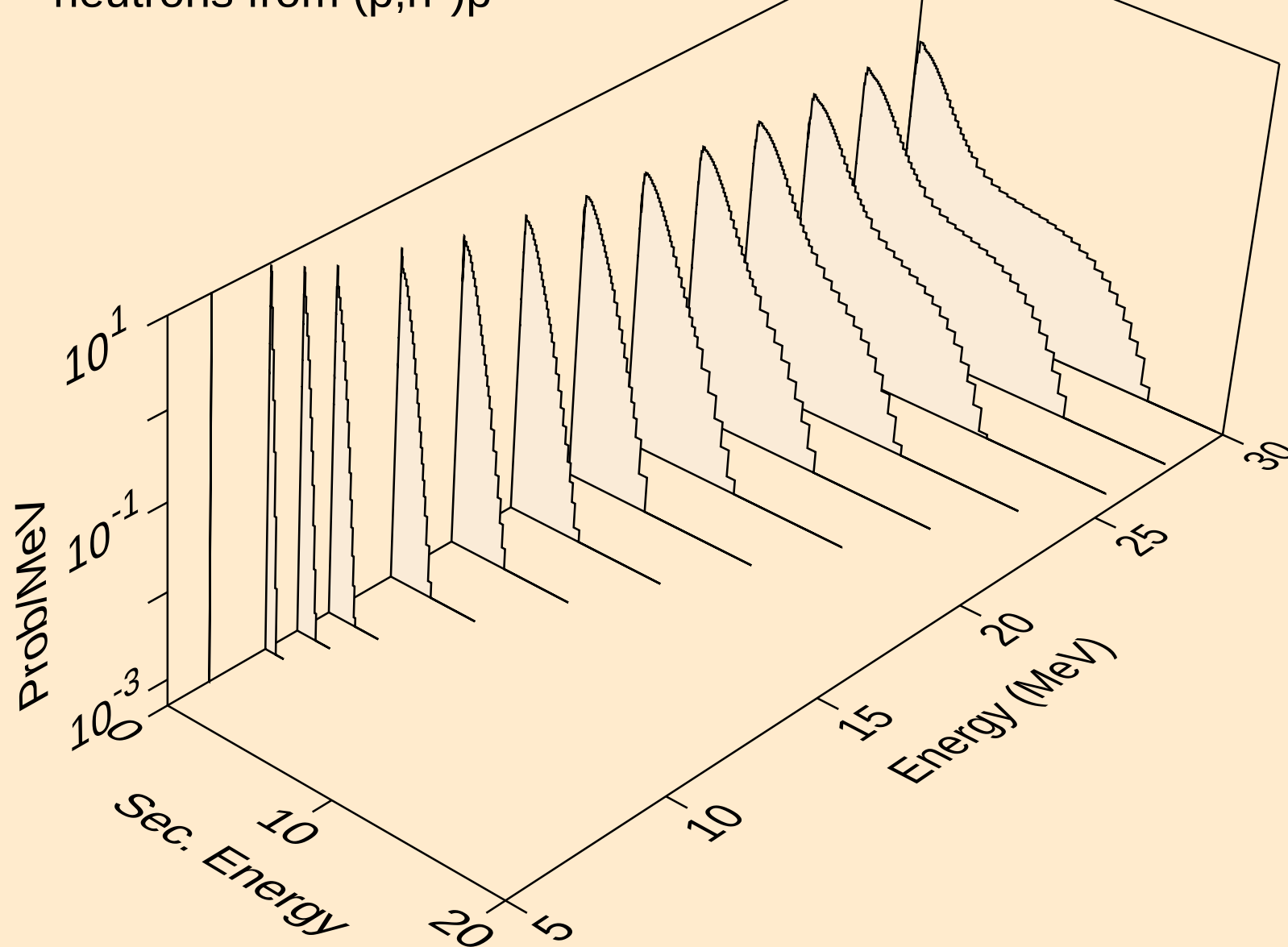
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neutrons from (p,2n)a



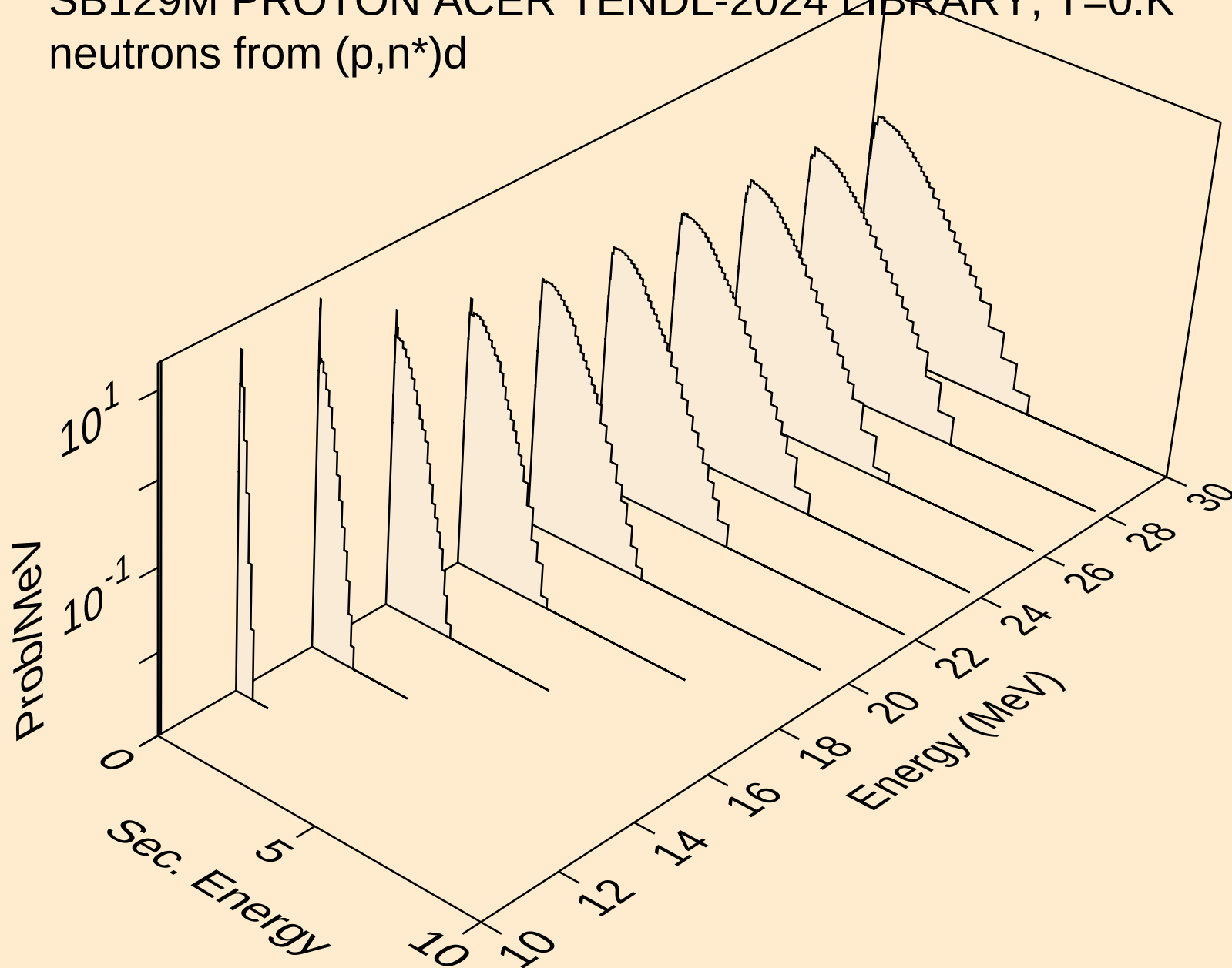
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neutrons from (p,3n)a



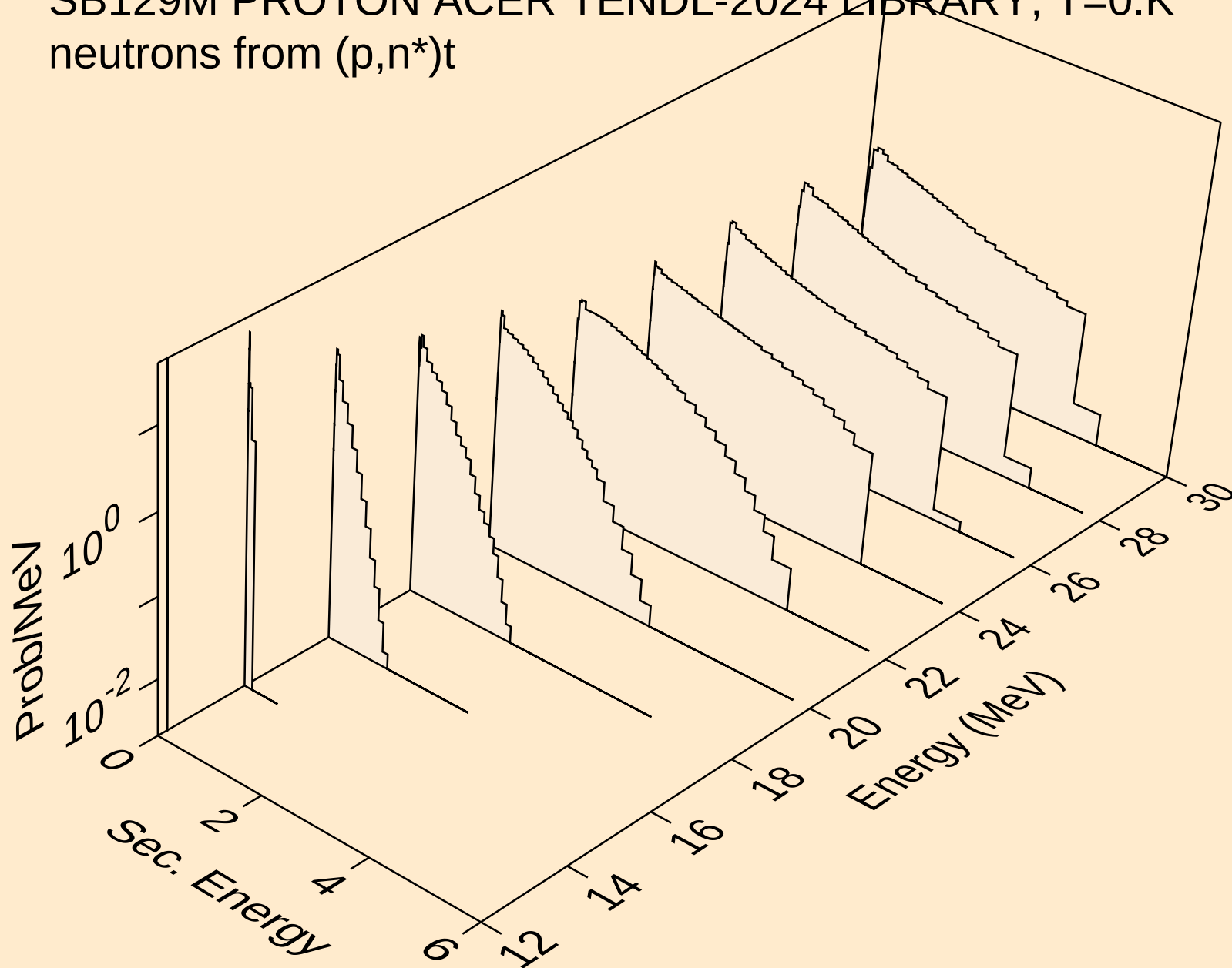
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neutrons from (p,n\*)p



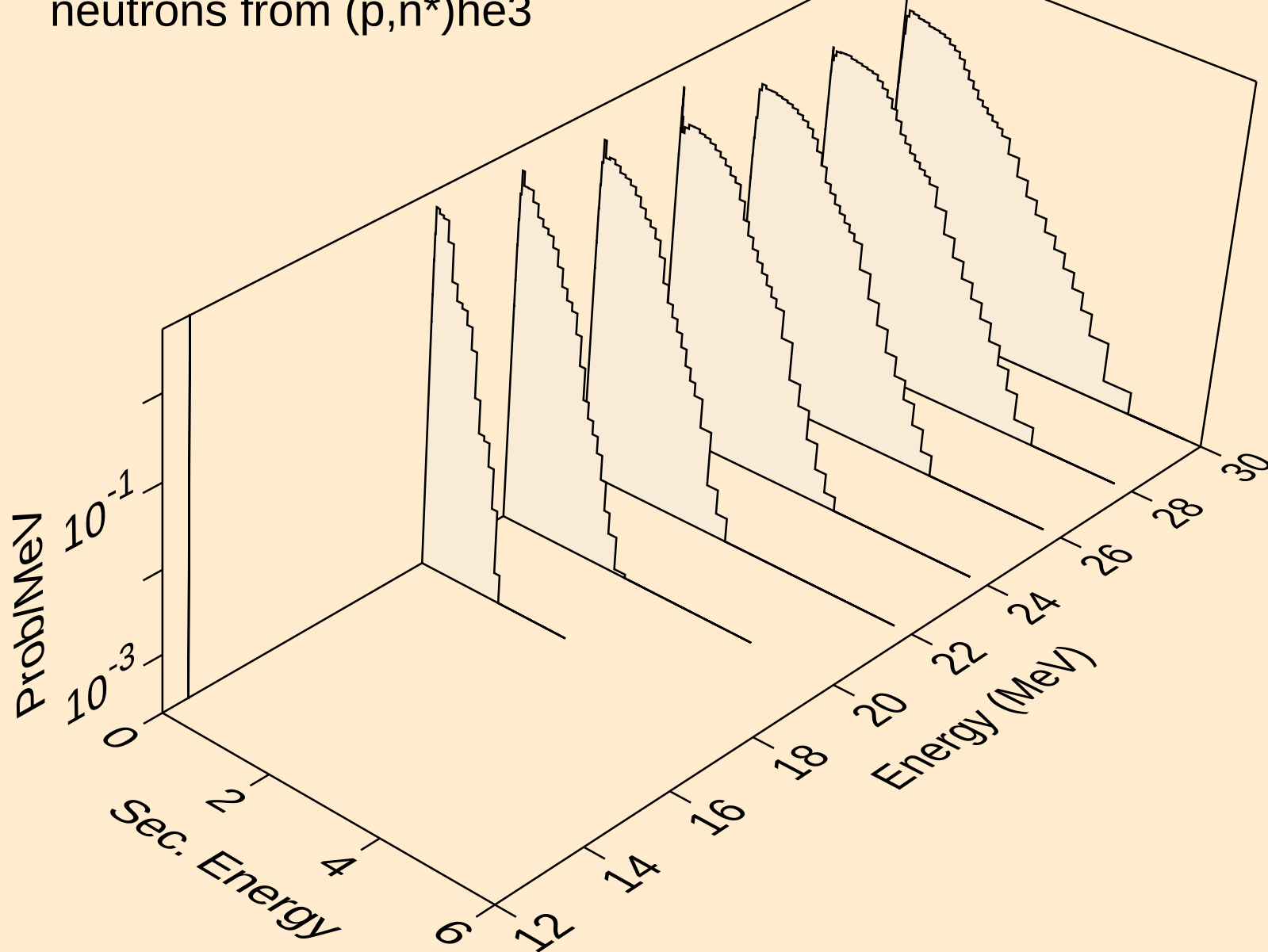
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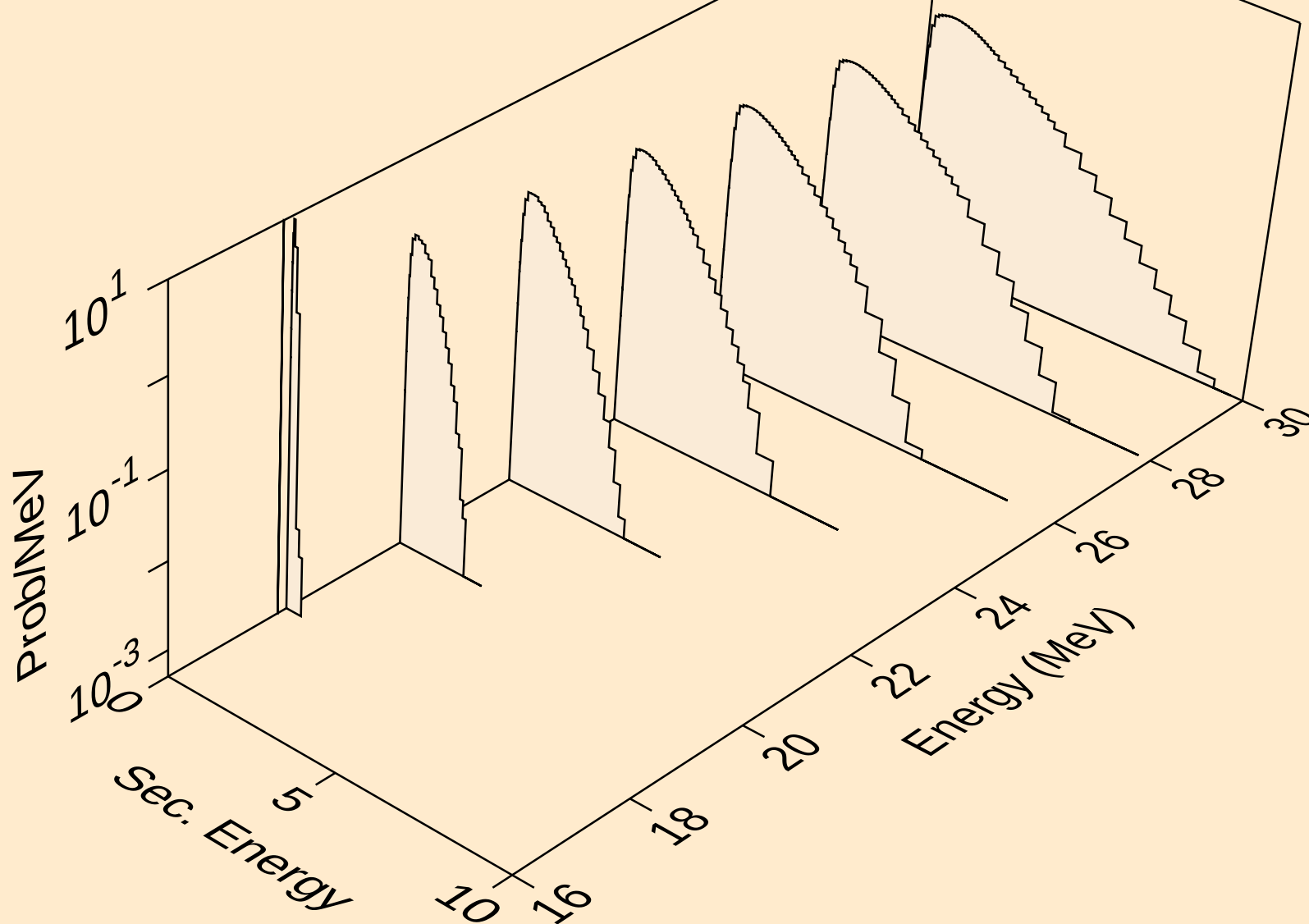
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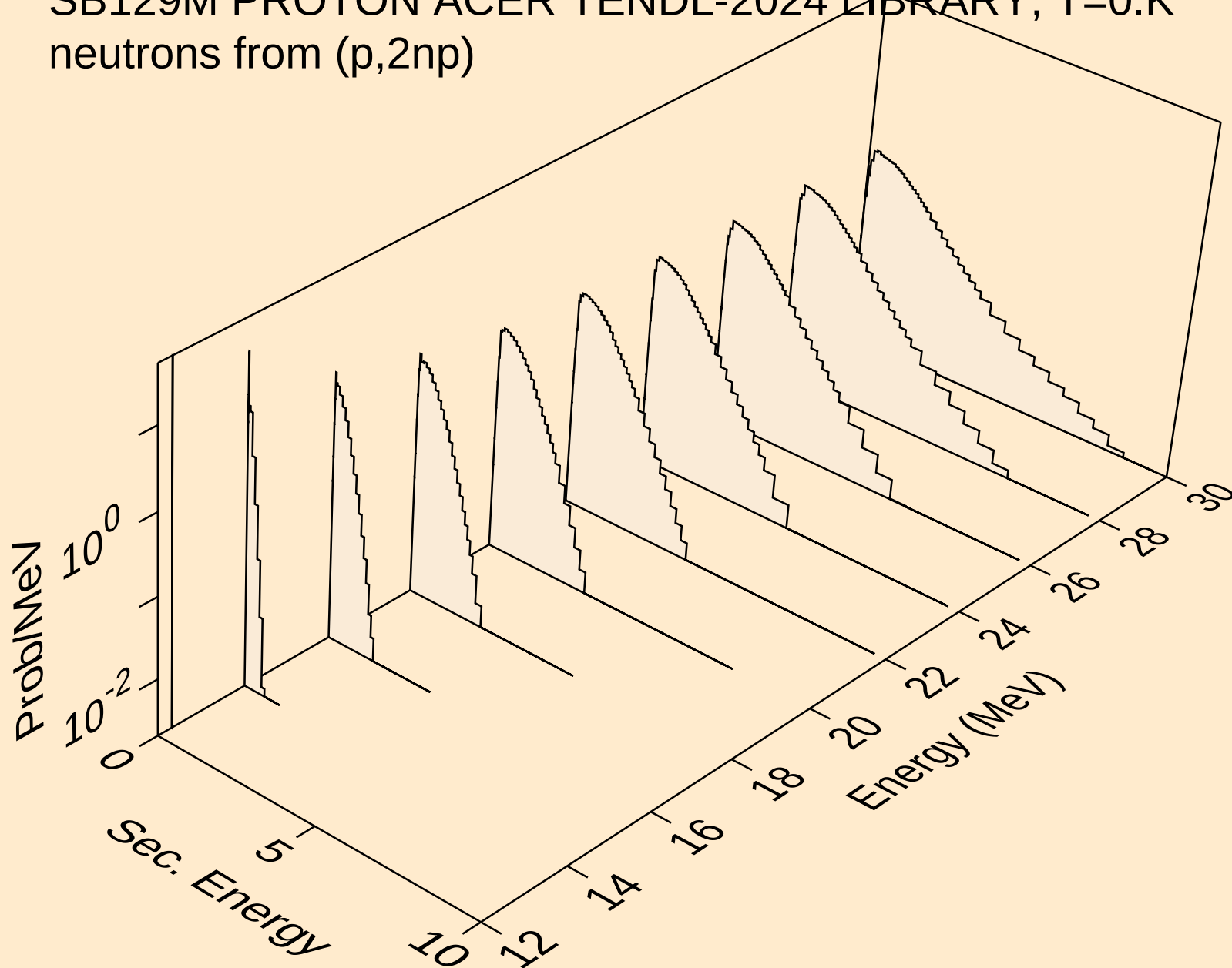
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neutrons from (p,n\*)he3



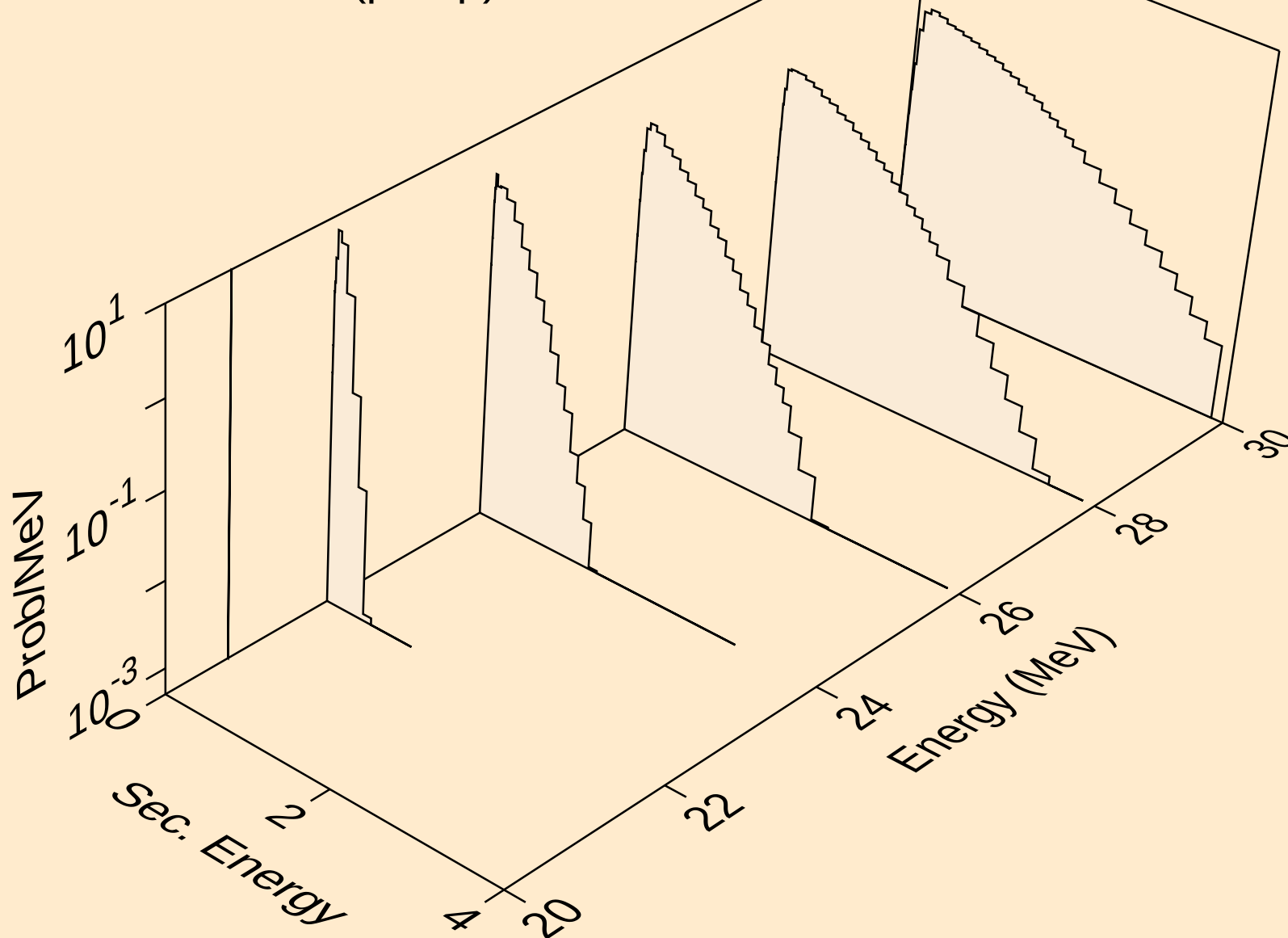
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,4n)



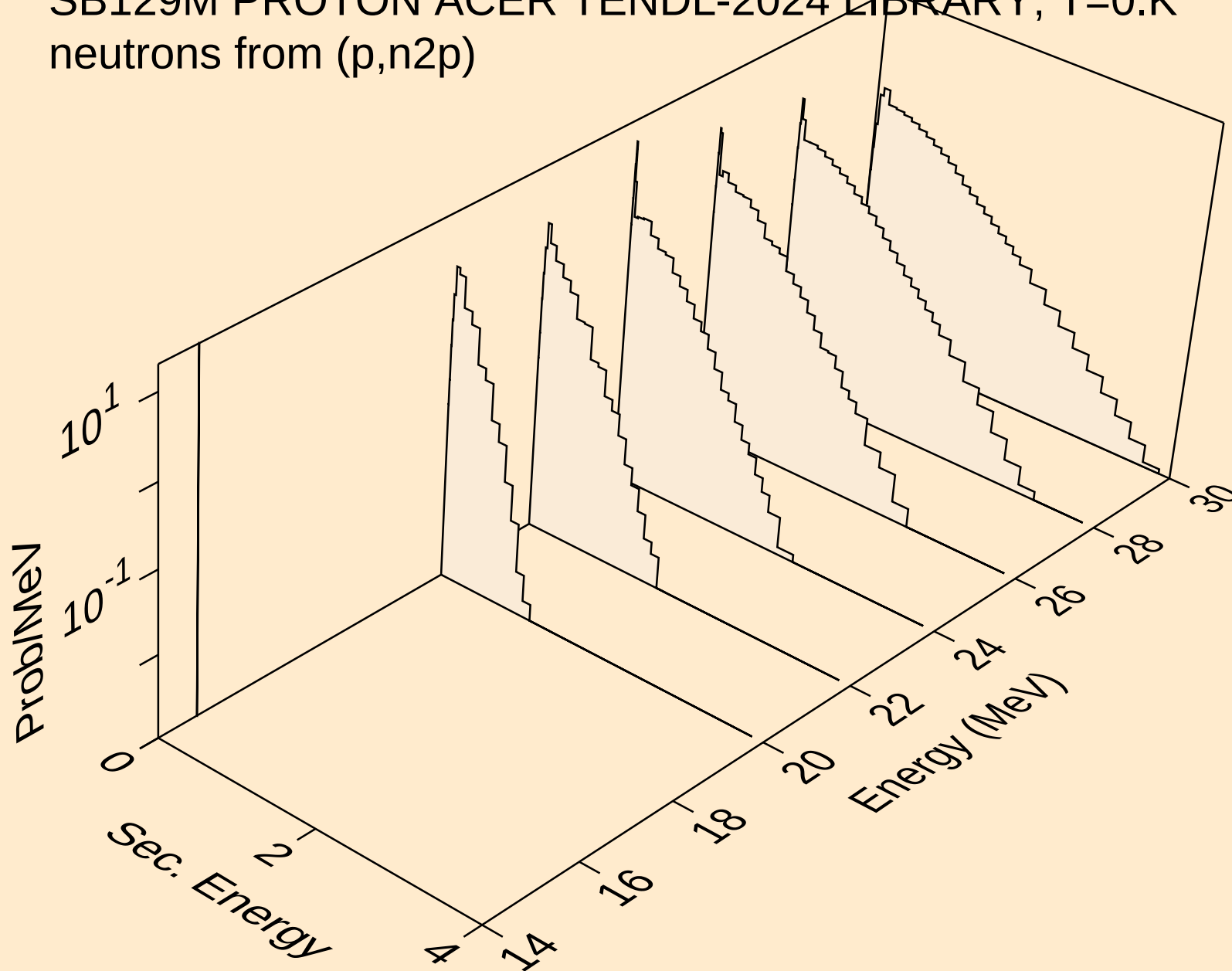
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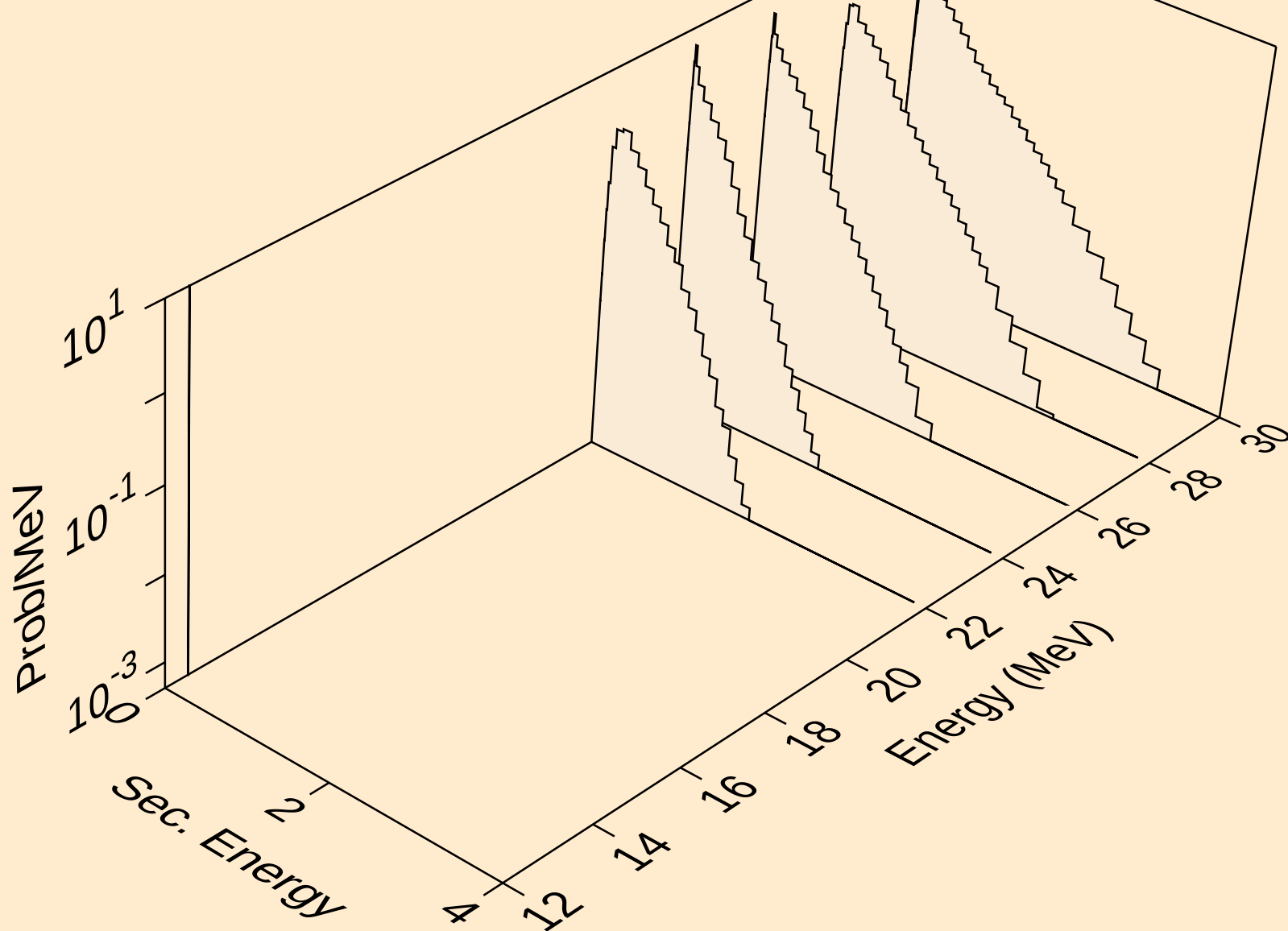
SB129M PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,3np)



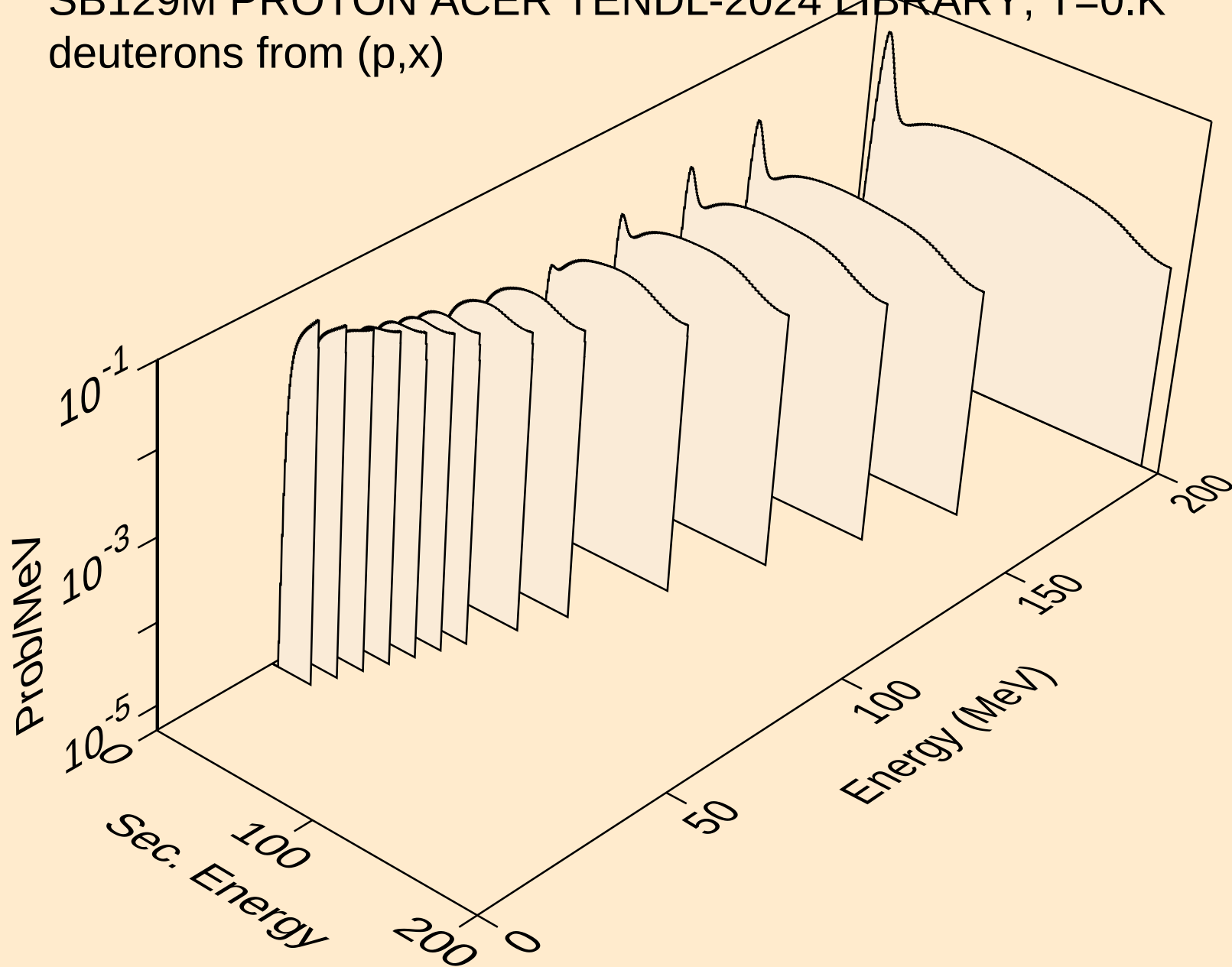
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



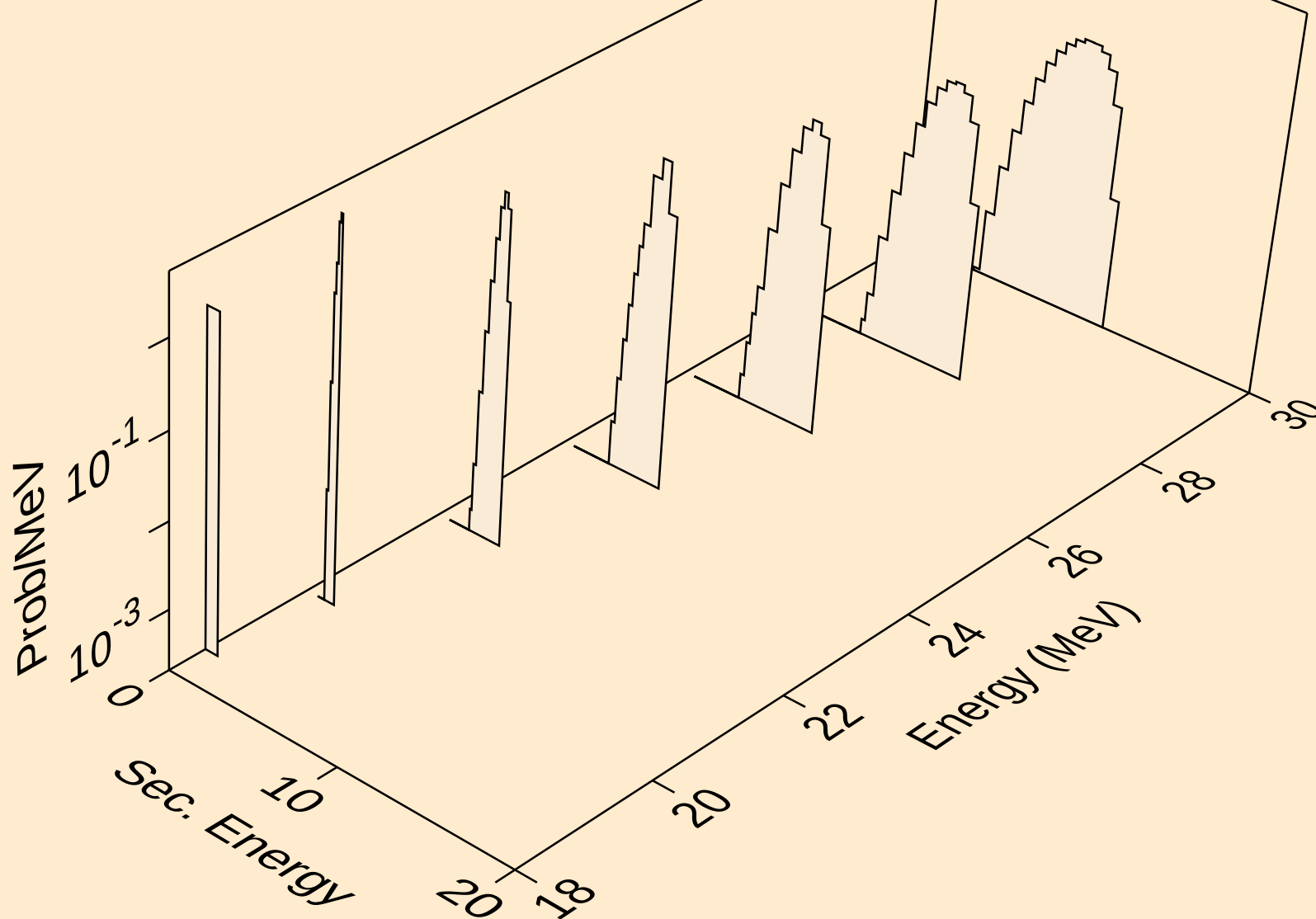
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



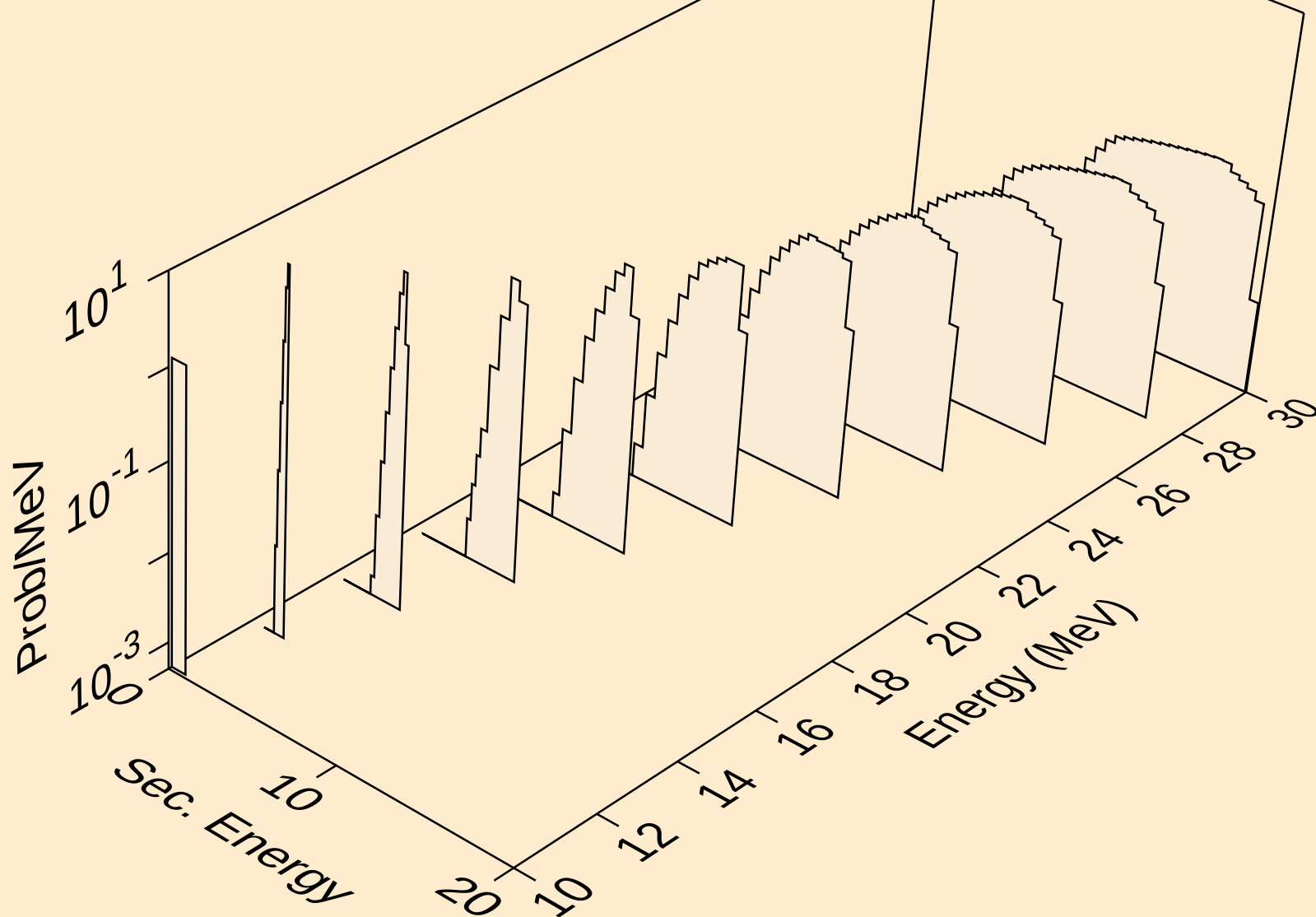
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



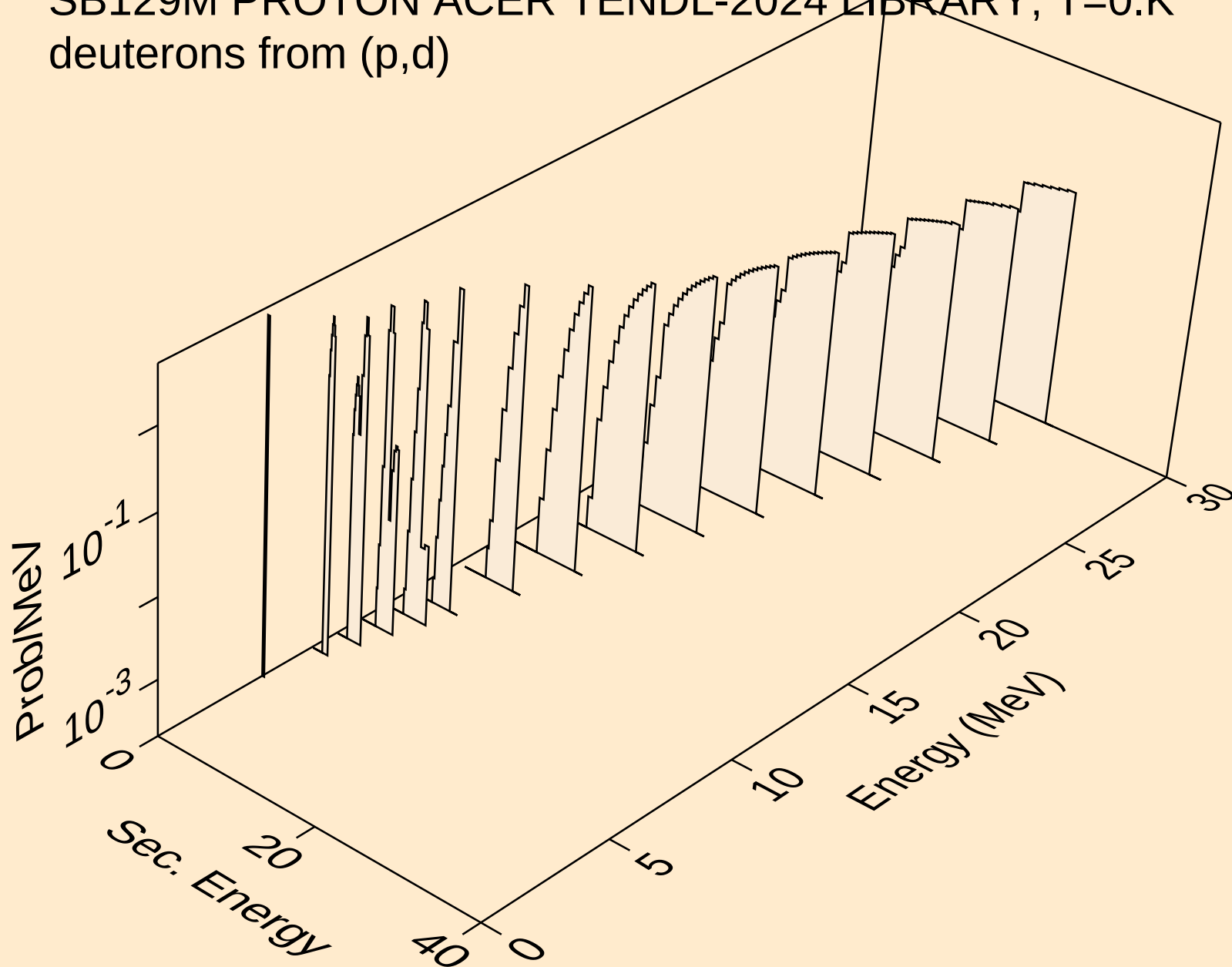
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deuterons from (p,2nd)



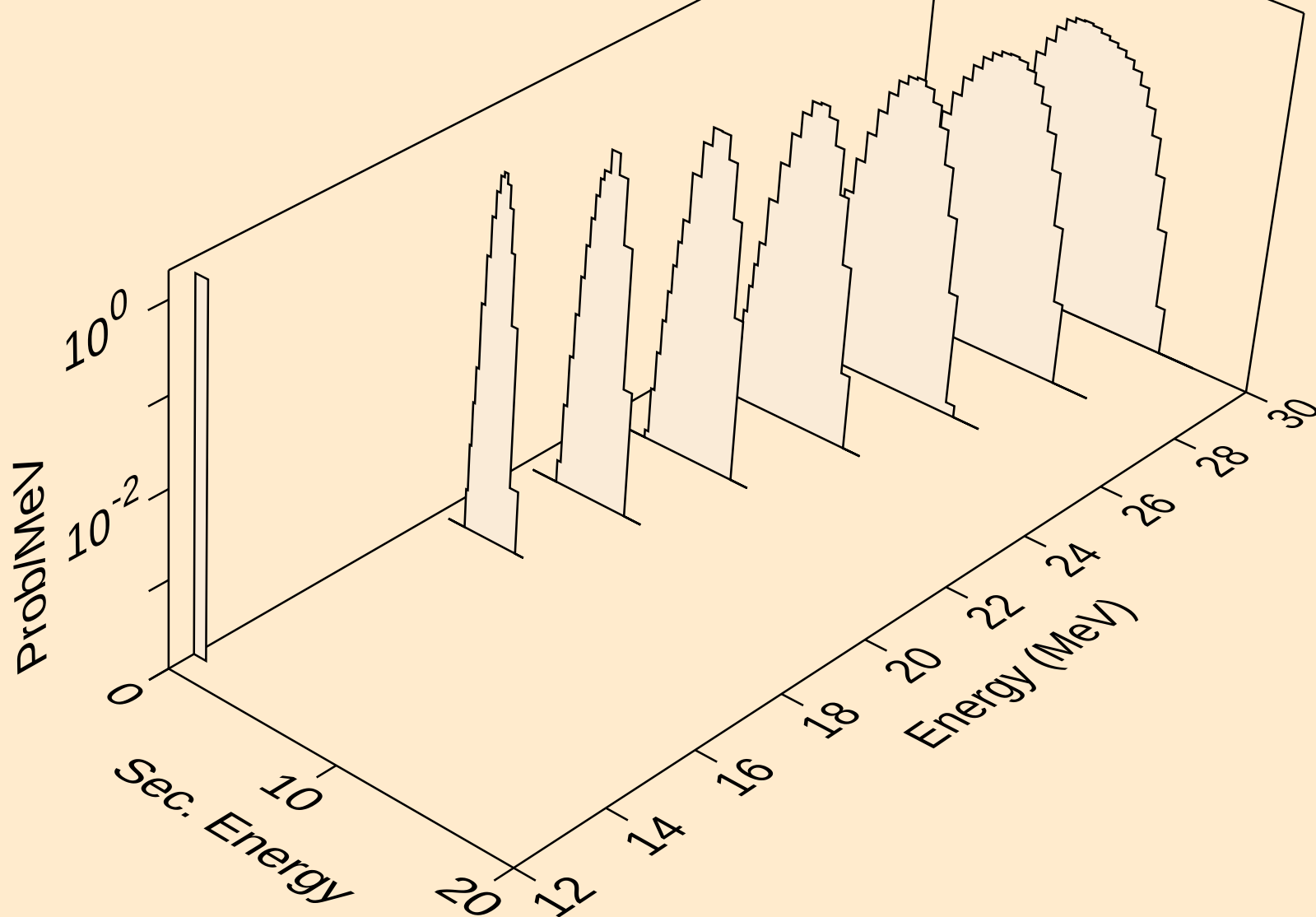
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



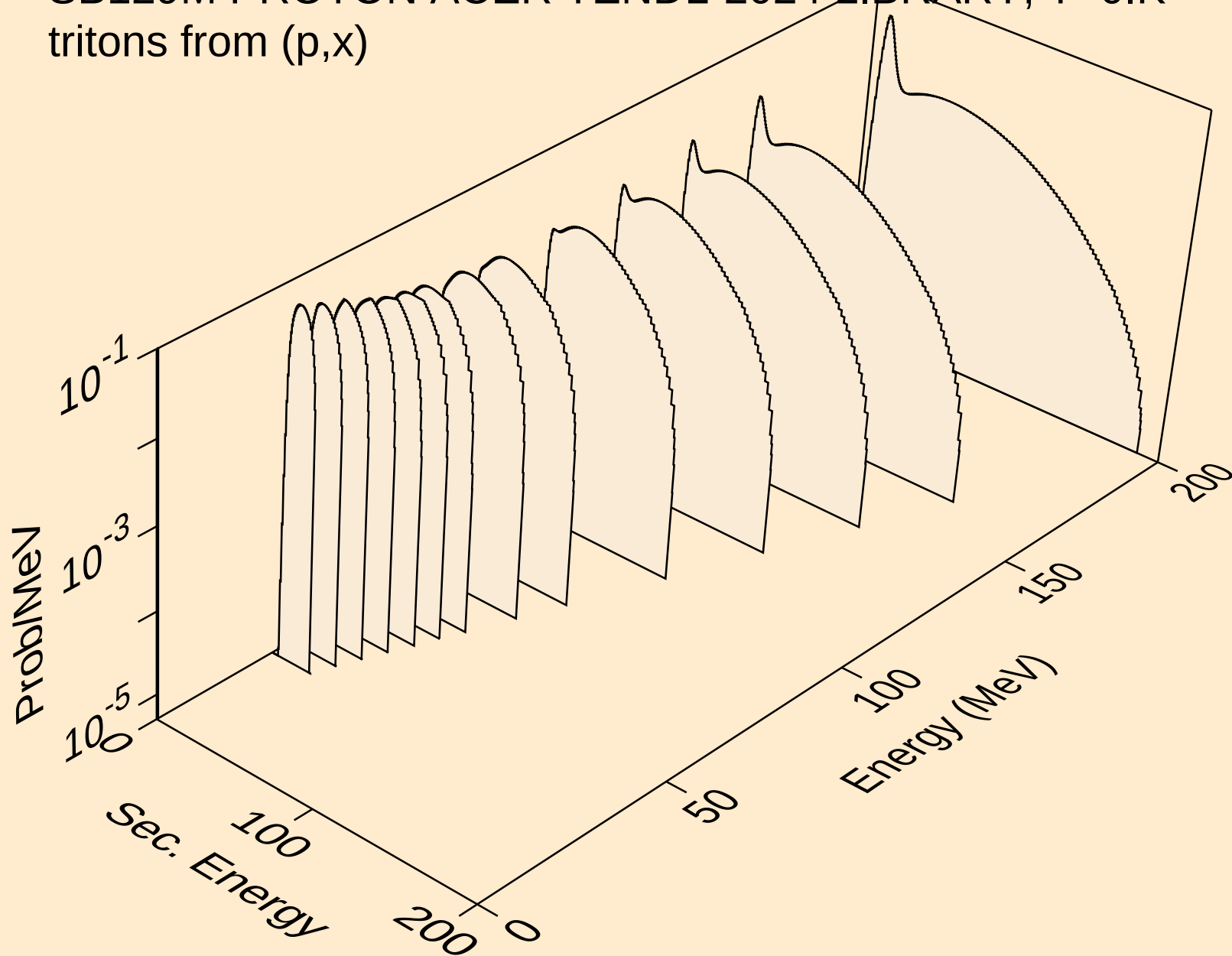
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deuterons from (p,d)



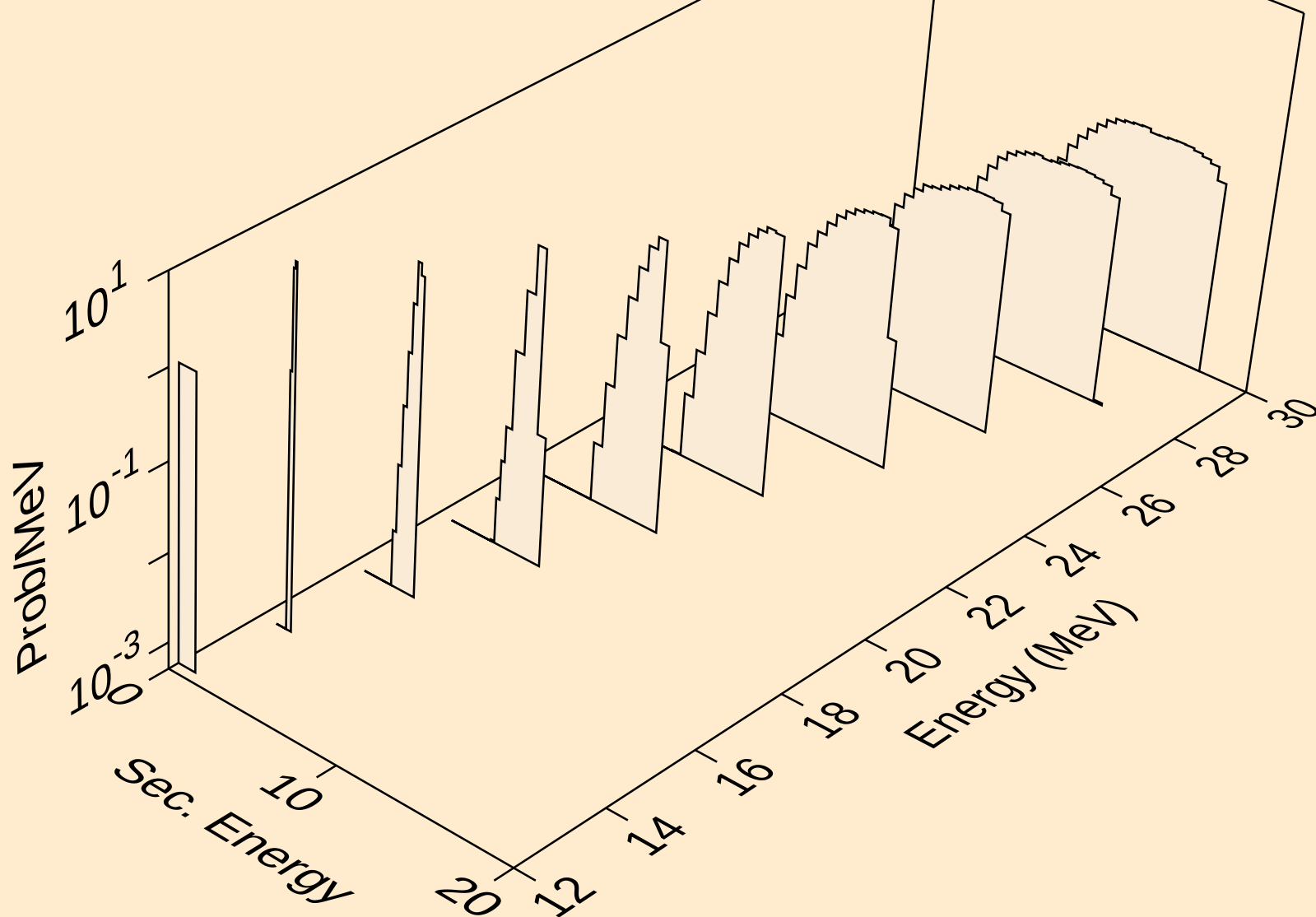
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deuterons from (p,pd)



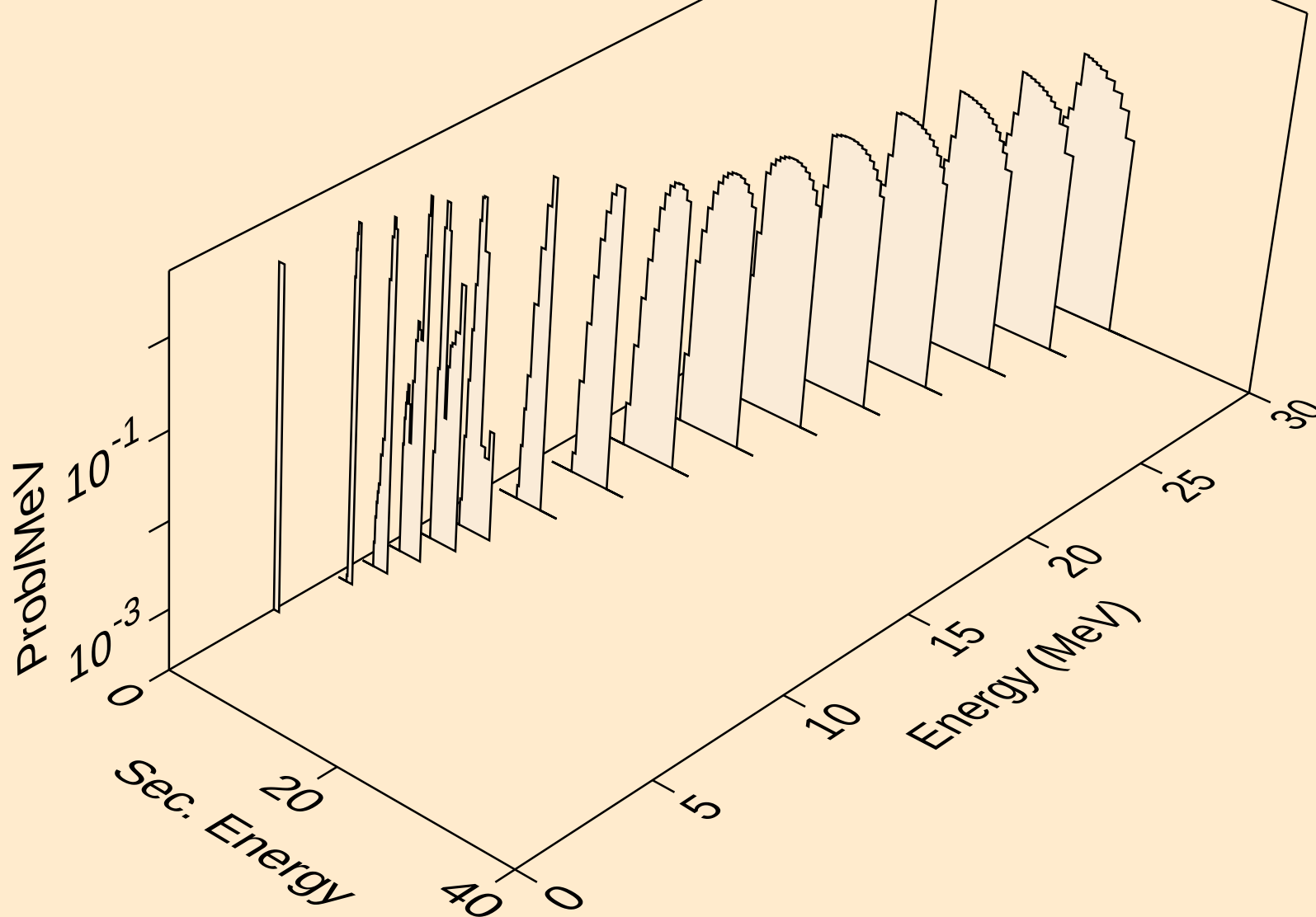
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



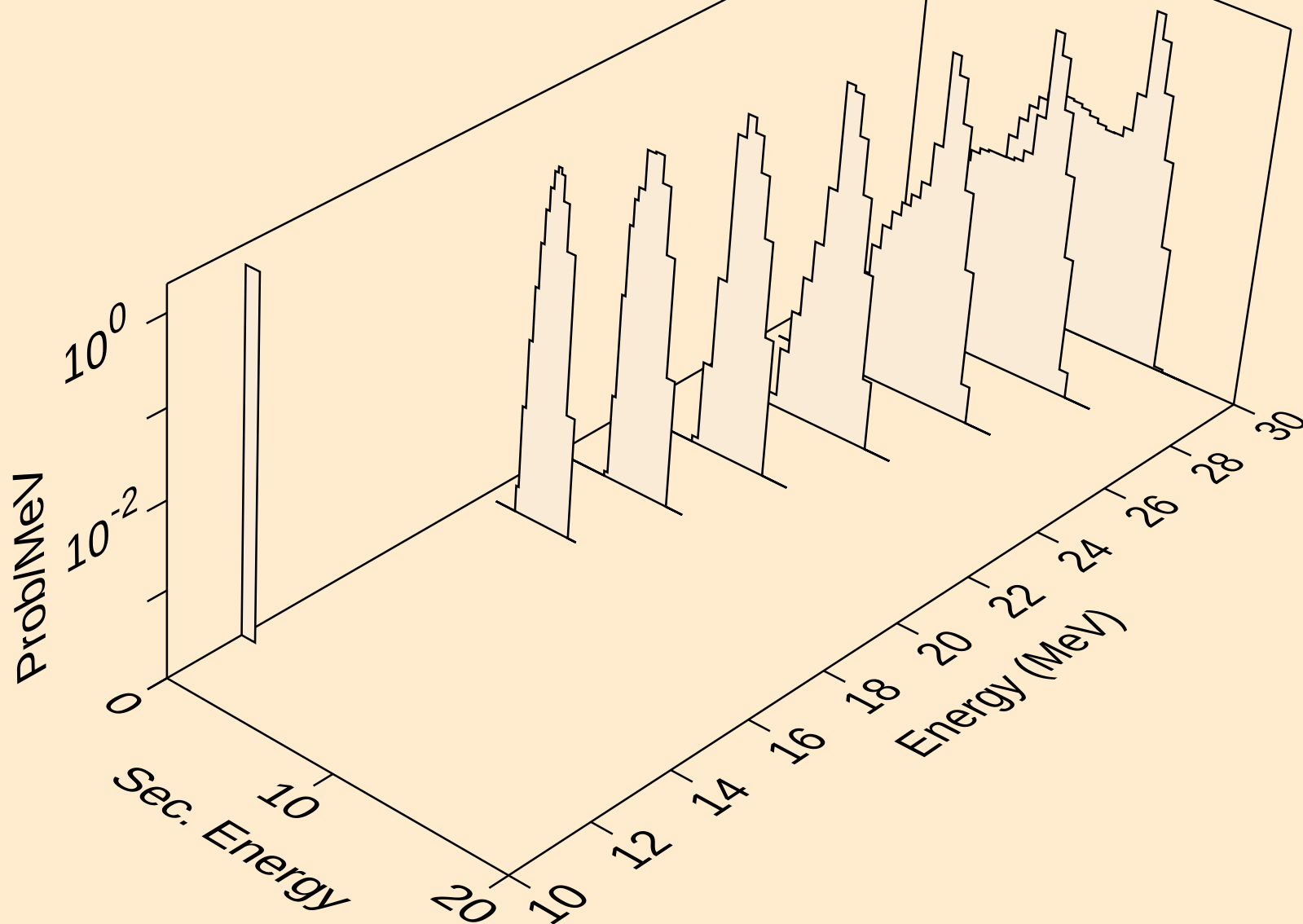
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tritons from  $(p,n^*)t$



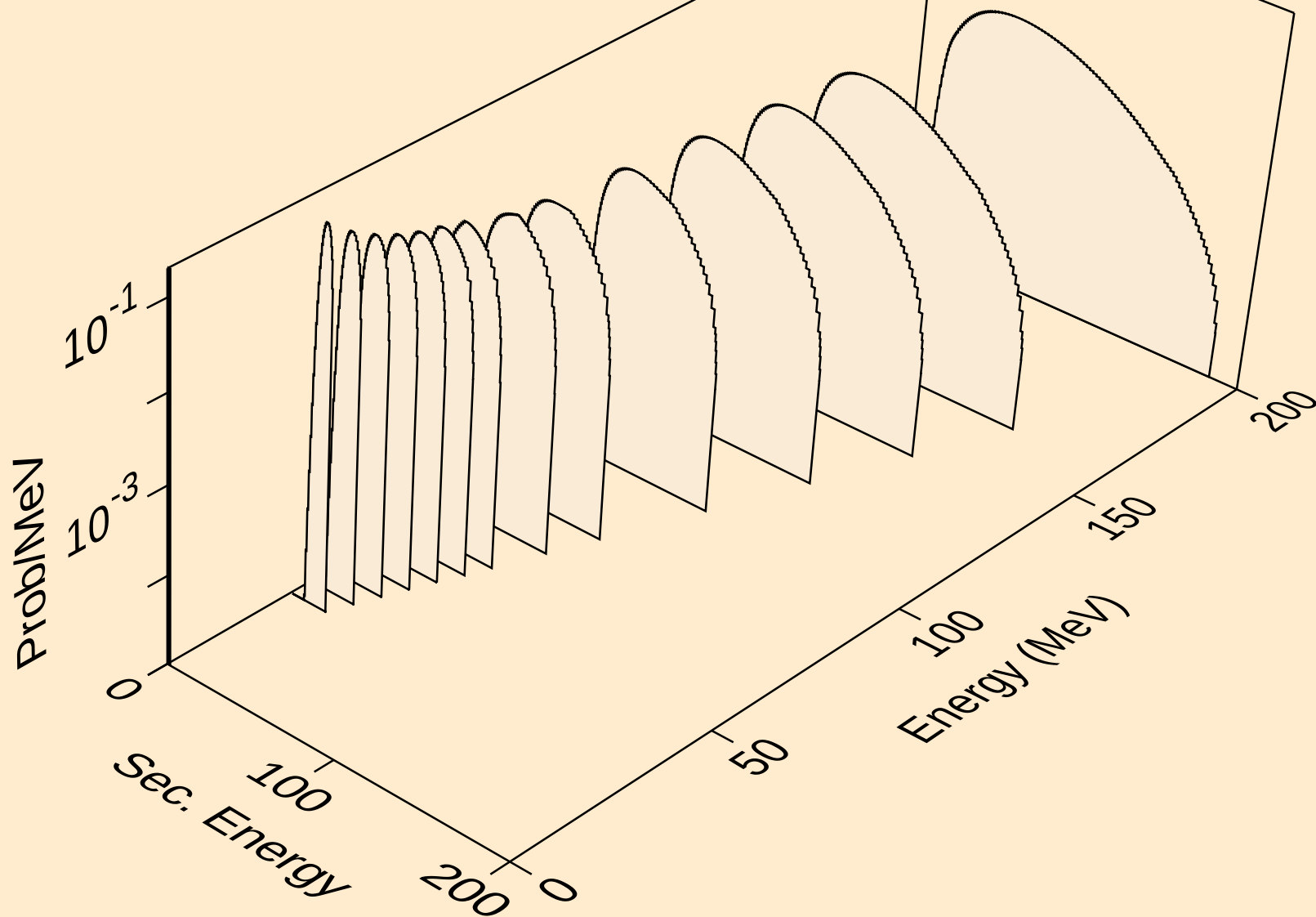
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tritons from (p,t)



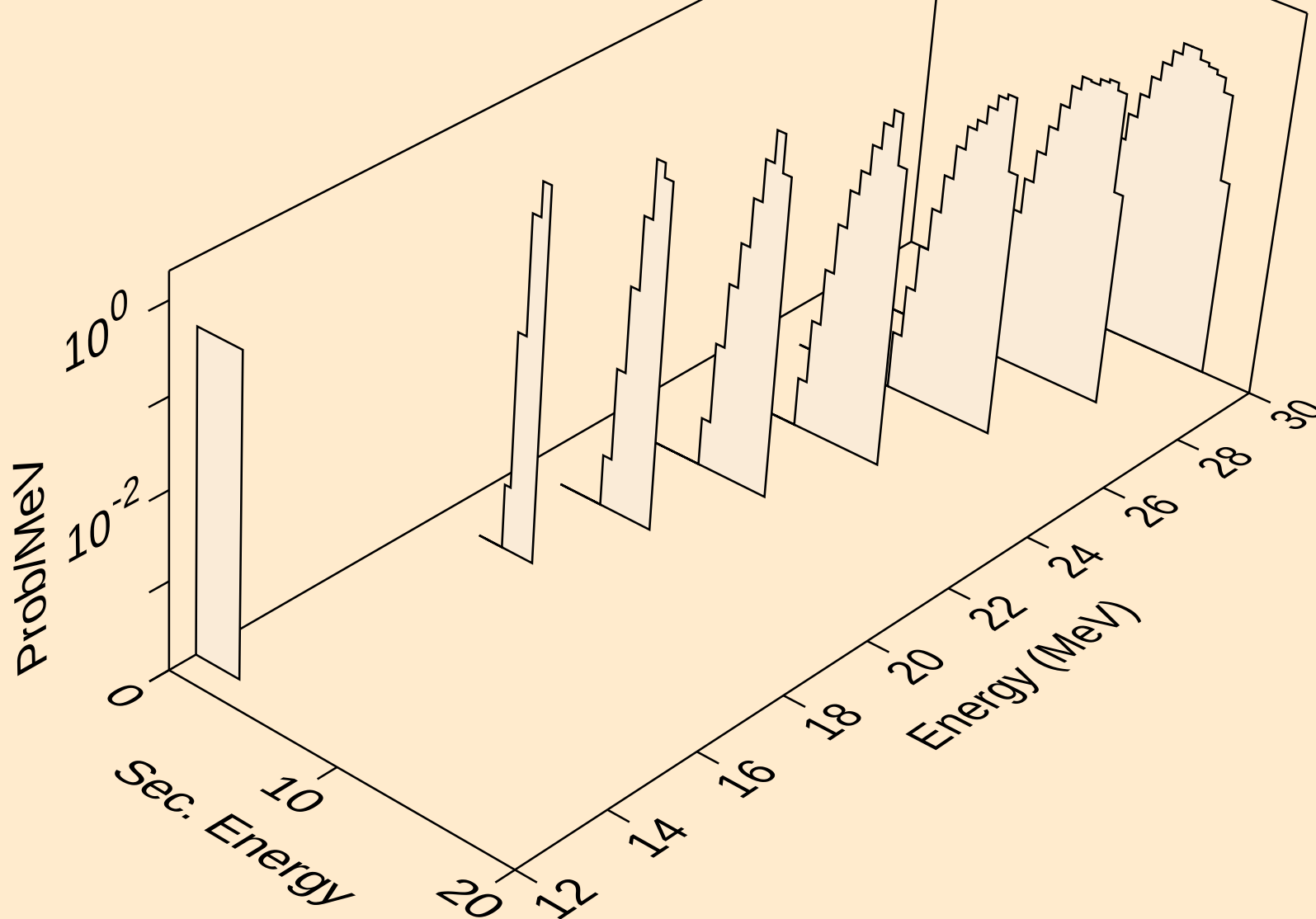
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tritons from (p,pt)



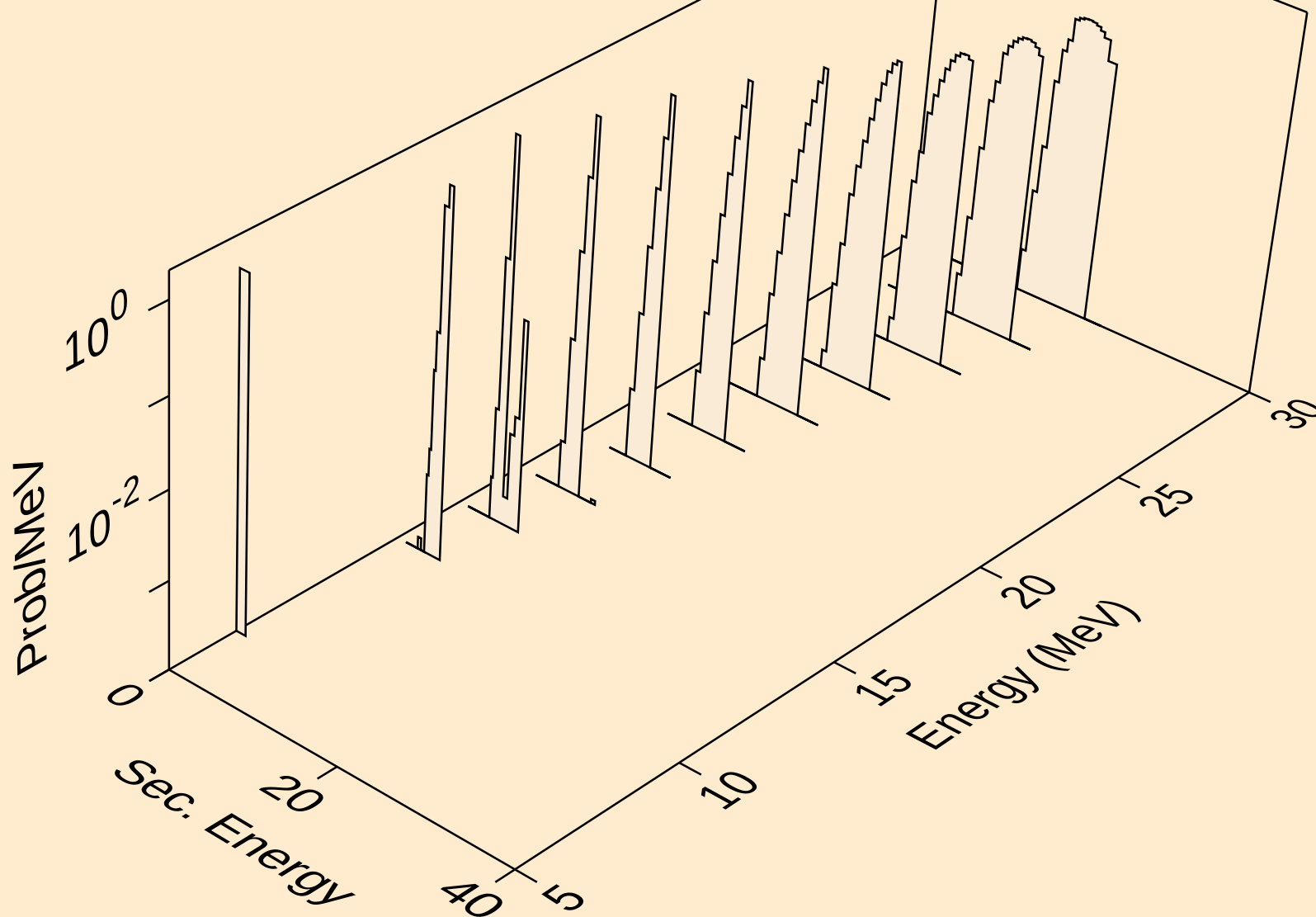
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he3s from (p,x)



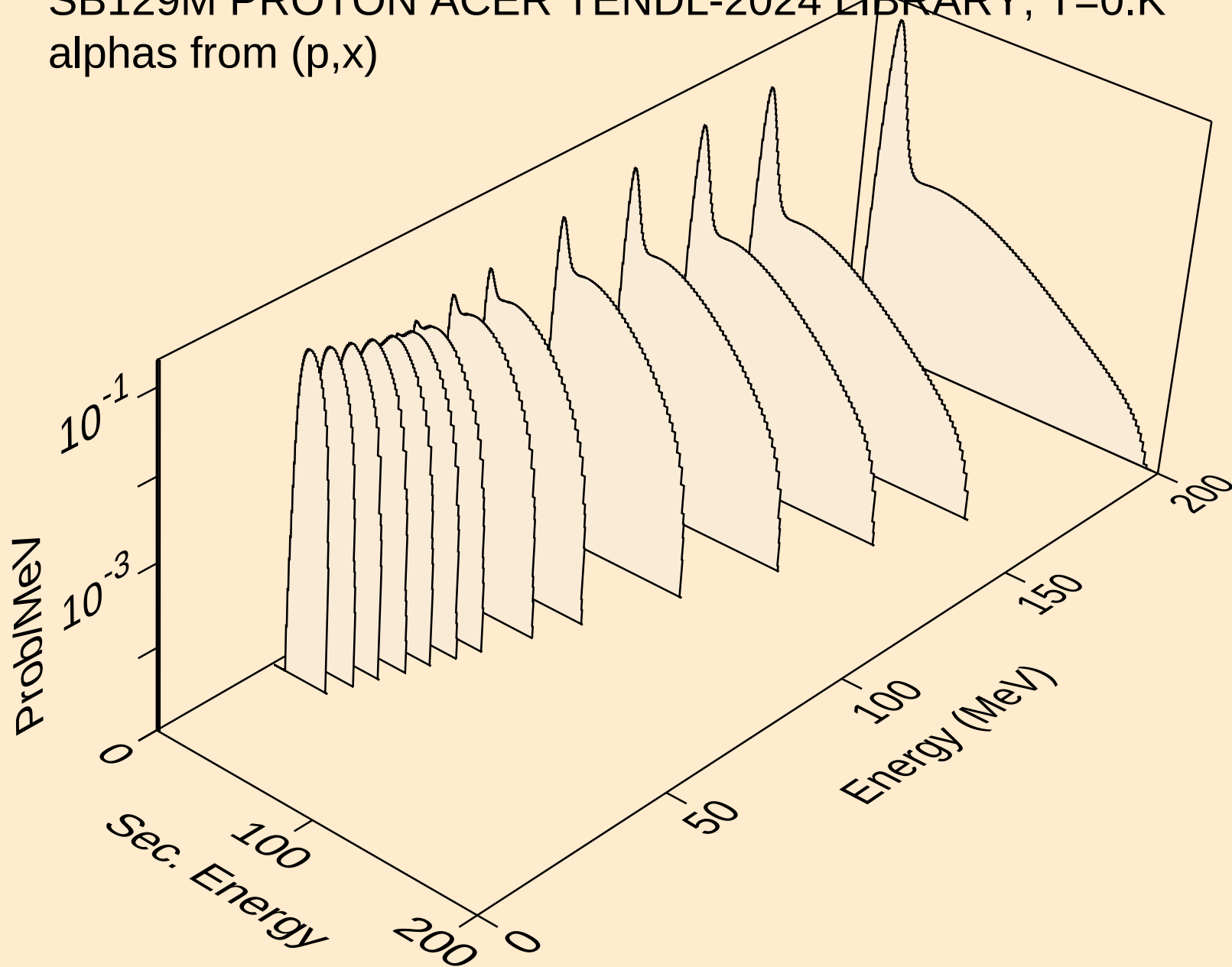
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



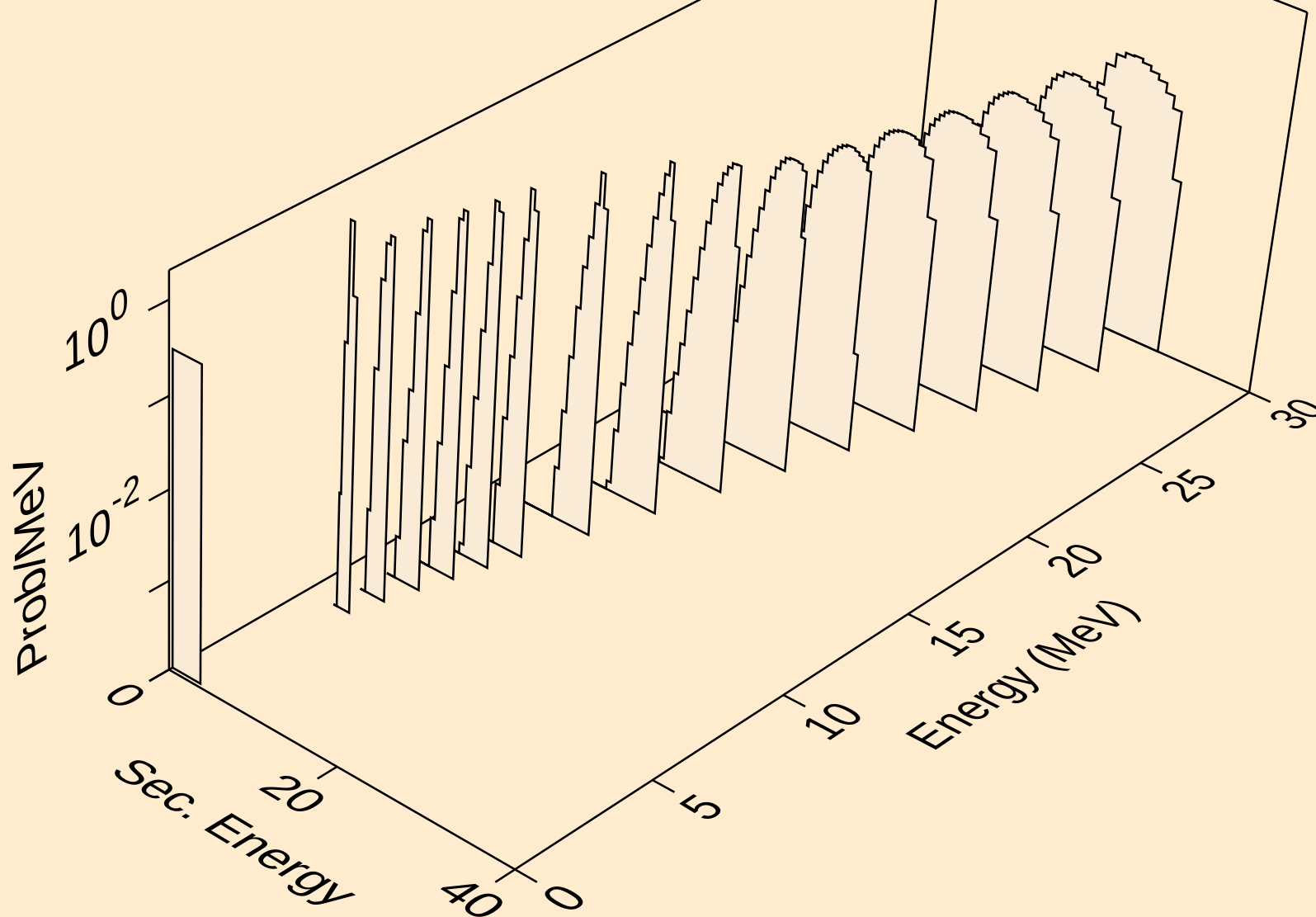
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he3s from (p,he3)



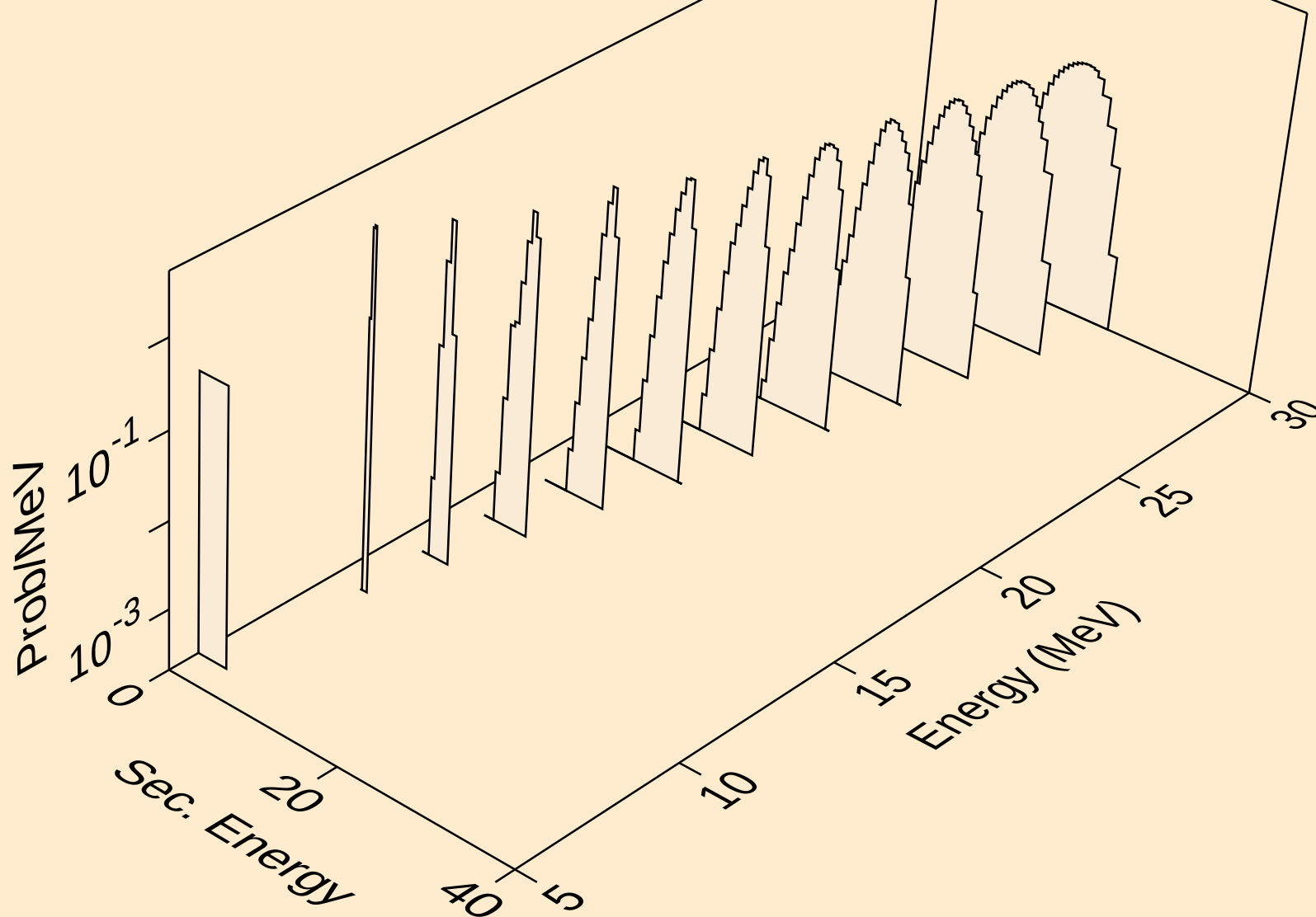
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



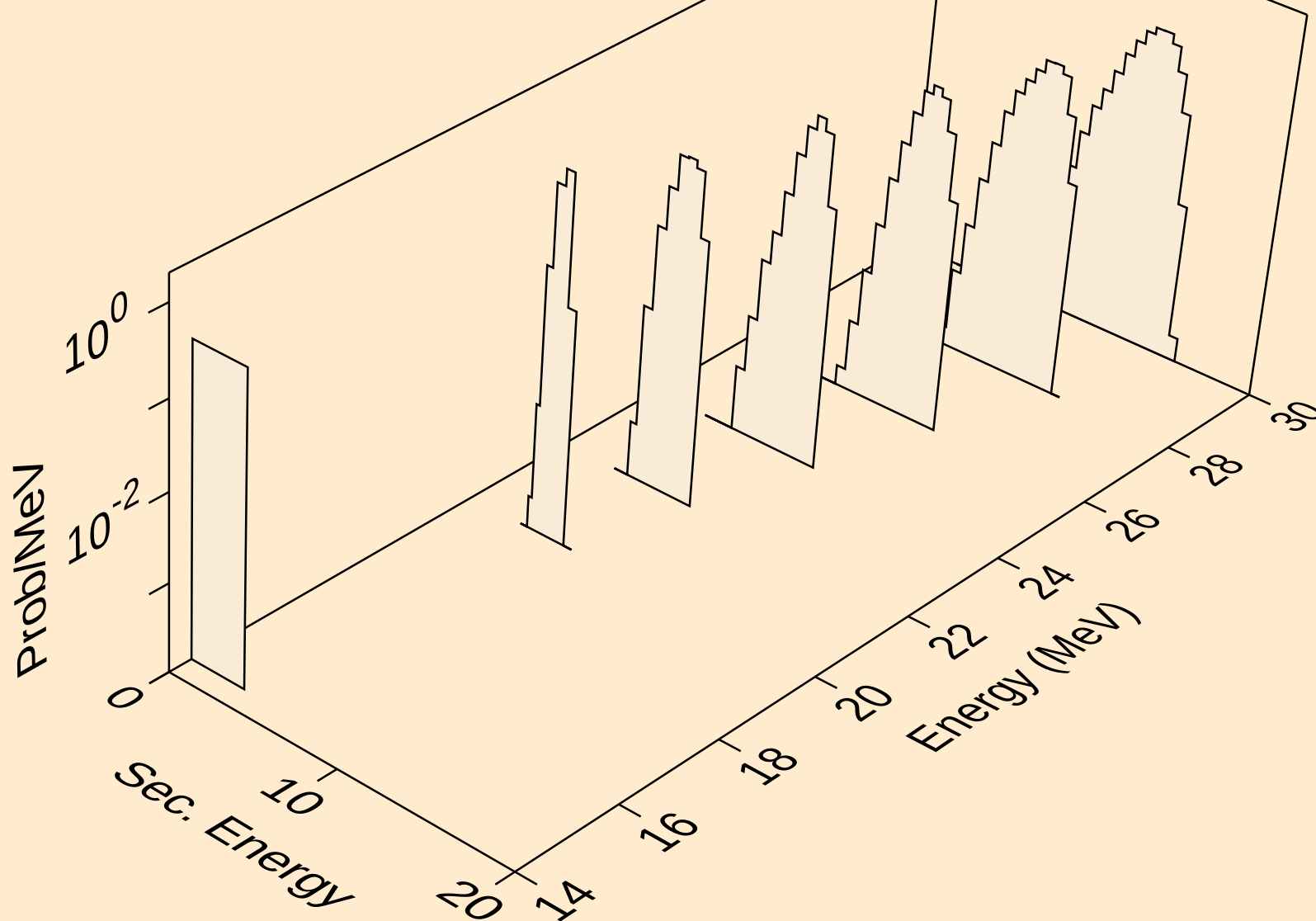
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



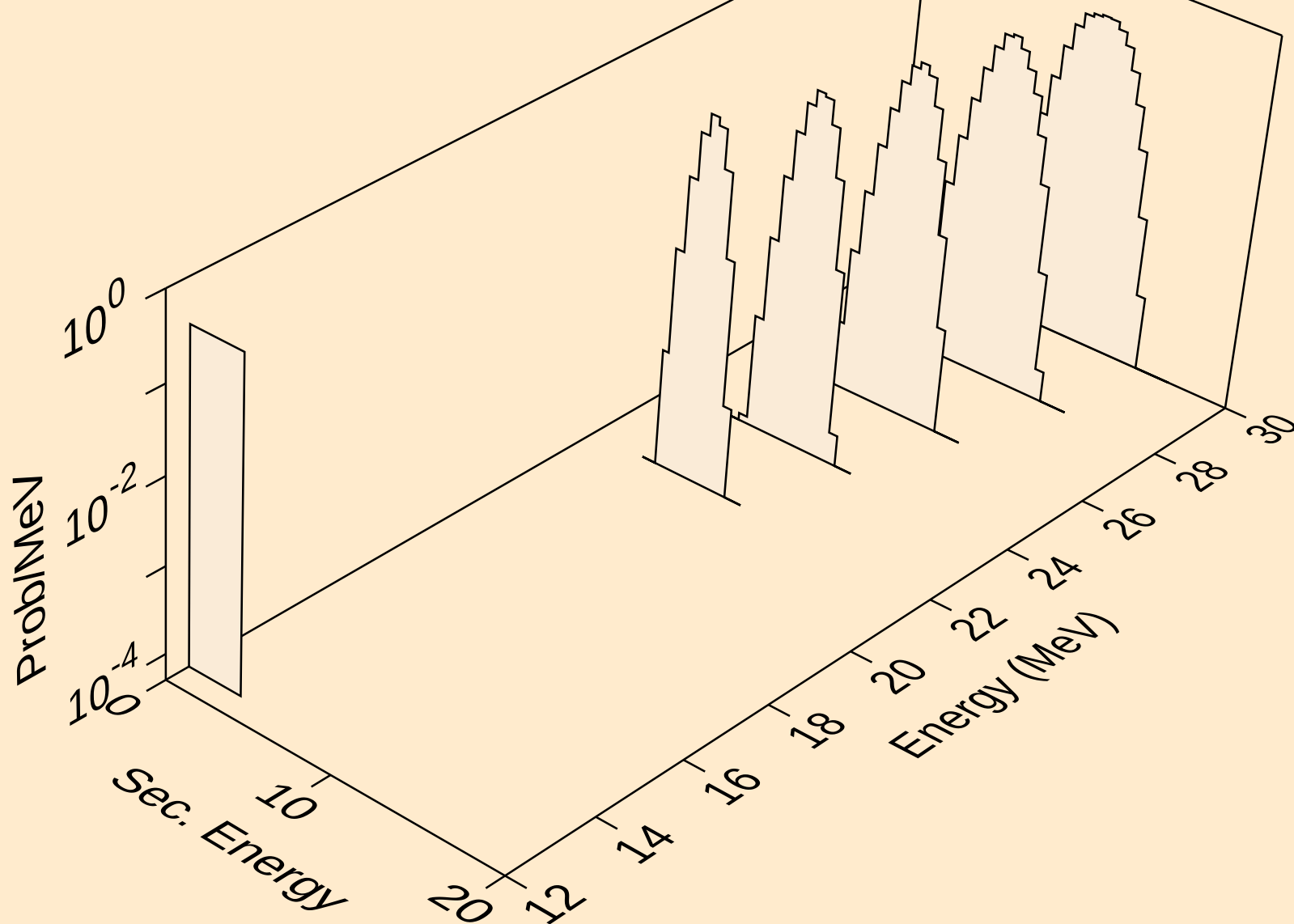
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



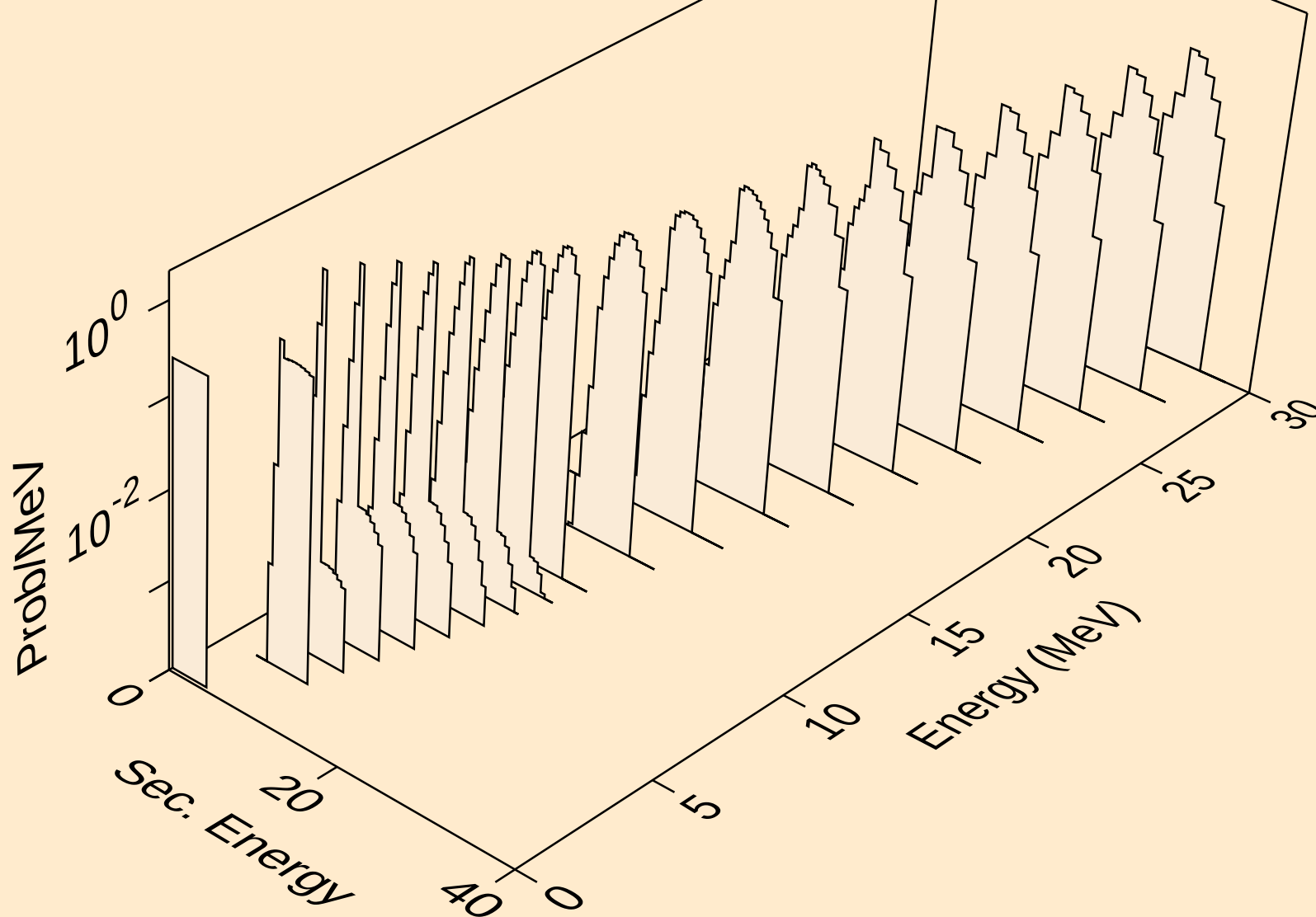
SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



SB129M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)

